**Supporting Information S1. The benchmark dataset** $S$ **constructed for identifying promoters and their types.** It is formed by seven subsets: (1) $S^{+}(σ^{24})\_{ }$contains 484 σ24-promoter samples; (2) $S^{+}(σ^{28})\_{ }$contains 134 σ28-promoter samples; (3) $S^{+}(σ^{32})\_{ }$contains 291 σ32-promoter samples; (4) $S^{+}(σ^{38})\_{ }$contains 163 σ38-promoter samples; (5) $S^{+}(σ^{54})\_{ }$contains 94 σ54-promoter samples; (6) $S^{+}(σ^{70})\_{ }$contains 1,694 σ70-promoter samples; (7) $S^{-}$ contains 2,860 non-promoter samples. The length of each sample is 81bp. None of the sequences included here has $\geq 80\%$ pairwise sequence identity to any other in a same subset. See Eq.1 and the relevant context for further explanation.

1. List of 484 samples in $S^{+}(σ^{24})\_{ }$

>ECK125137714\_aaeBp3\_reverse\_3388263\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaccagcaagagaacatctggcctgcgggcaccactgctacagtggtggtcactggcaaAcaagatcgcgacgaaagcca

>ECK125137420\_acpSp2\_reverse\_2701137\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgcgacctttgccgcaagcctcggtctgaaagttaacgccggacacggtctgacctatcAcaacgtgaaagccattgccg

>ECK125137421\_acpSp3\_reverse\_2701162\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caagagctggcgcgtatcgccaaagccgcgacctttgccgcaagcctcggtctgaaagttAacgccggacacggtctgacc

>ECK120016719\_ahpFp\_forward\_639002\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tagatgtccttgattaacaccaaaattaaaccttttaaaaaccaggcattcaaaaacggcGaattcatcgaaatcaccgaa

>ECK125137463\_alaEp1\_forward\_2799070\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattttatctacaaaaactgactaaataaaaatttttcactaattgattagtcatagccaGcgatatacgctatgcgaaaa

>ECK125137369\_alaXp2\_reverse\_2518279\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttgcctgatttttcagcgattgaaactacacgttgcaatttgccgttgacacattcggGcggaattcatatgatgccgc

>ECK125136365\_ampDp5\_forward\_118681\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagggttatagcggcgaggcggcatgttaaaactccagatagctaacgaatcataaggtaGaaacatgctactctgaaccg

>ECK125136491\_ampGp5\_reverse\_453627\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatatcgccgatgcggttaacagtgtgctgaccgataccatcgctgatatgtctcaggacAccagcatccacgaattcatc

>ECK125136359\_apaHp4\_reverse\_51293\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137294\_apbEp1\_reverse\_2311594\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagttctaatctcgattgatatcgaacaaagggcctgcgggcccttttttcattgttttcAgcgtacaaactcagtttttt

>ECK125136669\_aqpZp2\_reverse\_916212\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctaaaggattaaatcttttgcgtgcactacactgtcaatcagacaaatgactatatgggGcaacccgctgttgccctaaa

>ECK125137992\_arpAp1\_reverse\_4222629\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acttttattaactcagcattatttttaaacatcaaaccacttaattattaacaaaatcgcAagatctcattccaccgaaac

>ECK125137076\_astEp3\_reverse\_1827069\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgggcggtgaatccggcggtgatgatgaacgatacgctgtttaatgcgctcaatgactgGgtggatcgttactaccgcga

>ECK125136915\_azoRp1\_reverse\_1482873\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtggcaggattgtgaataaagtgtcaacaagcaacggggcatcgcccattcaaacatctAtaaggaaacaccatgagcaa

>ECK125136916\_azoRp6\_reverse\_1482927\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctatgcgttgttcaataaattcgaacataggcttcgatttattgcgctatctctgtggcAggattgtgaataaagtgtca

>ECK120009966\_bacAp\_reverse\_3204175\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aaagaaaataattaattttacagctgttaaaccaaacggttataacctggtcatacgcagTagttcggacaagcggtacat

>ECK120010006\_bamAp\_forward\_197821\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctgctgttccttgcgatcgaaaagatcaagggcggaccggtatccgagcgggttcaagacTtttgttatcgcattggctcg

>ECK120016583\_bamAp2\_forward\_197026\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcggaagcacaaattgcaccaggtacggaactaaaagccgtagatggtatcgaaacgcctGattgggatgccgtgcgtttg

>ECK120016567\_bamBp\_reverse\_2638975\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aaatacttatggtgcgctggcttctttggaacttgcgcagcaatttgttgacaaaaatgaActagagaaagctgccgccca

>ECK120009993\_bamCp\_reverse\_2599014\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acgcgttattaatcagcgtctgatgccattacacaacaaactatttgtcgaacccaatccAatcccggtgaaatgggcatg

>ECK120010008\_bamDp\_forward\_2736006\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctgatctaagcgttgaccgagttggttttcggacaccgttgcagtgagctgtactcgttgTgccatatatactgcttcttc

>ECK120016572\_bamDp2\_forward\_2735961\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ttttattcgcgaacgtgaataatccgggaacatttcggccaaagcctgatctaagcgttgAccgagttggttttcggacac

>ECK120009964\_bamEp\_forward\_2753486\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ggcgaatgcgaaagaactgcttgcagcgtaaacttttttcctgcttcacggtcagagtaaAcagcaaaacgccgtaagacc

>ECK120016566\_bepAp1\_forward\_2616068\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gccgttacactcaaaggcggcgcggtgggaacgatatttcacagtatcggtcaaatgactAtctccagaaatacaggatag

>ECK125135037\_bhsAp\_forward\_1169033\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

taaaaaatatcttgtatgtgatccagatcacatctatcatttagttatcgatcgttaagtAattgcttgcgacgtcattca

>ECK125137842\_bisCp4\_reverse\_3716415\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137288\_ccmHp1\_reverse\_2292621\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137074\_chbGp4\_reverse\_1817242\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136563\_citTp4\_reverse\_646632\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137207\_cldp9\_reverse\_2098310\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcctatagcattcacgaggattatcgctaaactatgcggacttggaaatttccgtcagttAgggtaatgatgagagtagaa

>ECK120033258\_clpXp\_forward\_457202\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attctgaaagttaaagggcgcatgaatgaacttatggcgcttcatacgggtcaatcattaGaacagattgaacgtgatacc

>ECK125136579\_cobCp7\_reverse\_669944\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acggtgaatcatgtgaggatttattgccggaaccggtactgacttacattaaccaacaagGcttgtatcgctgatacctgt

>ECK125137971\_cpxAp1\_reverse\_4105101\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcatctgggtcaggtggtttcccgtgaacatttaagccaggaagtgttgggcaaacgcctGacgcctttcgaccgcgctat

>ECK125136566\_crcBp4\_reverse\_658008\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136734\_csgGp1\_reverse\_1101755\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccaaccgcgatggtcaattgcagttgaacgtgacagatcgtaaaaccggacaaacctcgAccatccaggtttcgggttta

>ECK125137460\_csiRp3\_forward\_2795471\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaattctgcgagcagaaggaagcgaaattcgcttgcgaatgtggctttatccgtggctcAcctggctagtcatcggcttt

>ECK125136998\_cspFp8\_forward\_1641846\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136716\_cspHp13\_reverse\_1051373\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136717\_cspHp14\_reverse\_1051304\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120034942\_cyaRp\_forward\_2167114\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tggaaaattcttagaaaccgatcacatacagctgcatttattaaggttatcatccgtttcGctgaaaaacataacccataa

>ECK125136920\_cybBp5\_forward\_1490761\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caactttactcatggttttctcctgtcaggaacgttcggatgaaaattgatcctttccaaGcttagaccaggatggcggga

>ECK125136674\_cydCp5\_reverse\_929400\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137379\_cysZp1\_forward\_2531383\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136574\_dacAp2\_reverse\_663967\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136884\_dbpAp2\_forward\_1409338\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137803\_dcrBp1\_forward\_3609767\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137684\_deaDp1\_reverse\_3307909\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010283\_degPp\_forward\_180845\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttaccttttgcagaaactttagttcggaacttcaggctataaaacgaatctgaagaacaCagcaattttgcgttatctgt

>ECK120009990\_dsbCp\_reverse\_3038834\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

accgagcgtctgcggcaacttcatcaacagcatcacccgcgggcgtgatgtctgaaaagaAcgggaagatttatgaagaaa

>ECK120016573\_dsbCp2\_reverse\_3039633\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ggaaaaaaatctggctgaaaatacgttgaacgcttaccgtcgcgatctgtcaatgatggtGgagtggttgcatcaccgcgg

>ECK125136388\_dxrp1\_forward\_193471\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaactgatgcagttctgatttcttgaacgacaaaaacgccgctcagtagatccttgcggAtcggctggcggcgttttgct

>ECK125136391\_dxrp5\_forward\_193411\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acagaaactgactgatgctgcaatcaagaaaattgaagcggcgctggcagacaaagaagcAgaactgatgcagttctgatt

>ECK125137315\_elaAp4\_reverse\_2381686\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctgatgctgggtgccttcaccgcagtcaaacaaccaaagtccgctctgggtcggatgttGcaggttaagcaatattgccg

>ECK125136693\_elfAp6\_forward\_997765\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136696\_elfDp1\_forward\_998321\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137358\_emrYp1\_reverse\_2482334\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137730\_envRp11\_reverse\_3413487\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137732\_envRp13\_reverse\_3413601\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcagaattaaaacctcgtaaattgaaatatatattgatgtagtgaatgtatcttaggtaaAtaatatatattatttattta

>ECK125108721\_eptBp\_reverse\_3710581\_[TIM|S|Transcription initiation mapping]\_Strong

tttgtgcttcatgcacactctttccccacactttttccctttgctgtggtctacttattcGcgcgtgtagattttacttat

>ECK120016711\_essDp\_forward\_576873\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ttaattttttcatcgtgagccctttttttgaactattattaaaaaatgatgtcactgcgcGataaatattcatctaatcaa

>ECK125136709\_etkp1\_reverse\_1044303\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatgctgtttgggcaatggctggaacagaaagagatcccggatccctatcgtaaaagtcAggacgcatttgaacatgtct

>ECK125136494\_fadMp1\_forward\_464360\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accctgtaattaatttgcatagtggcaattttttgccagactgaagaggtcataccagttAtgacctctgtacttataaca

>ECK125136532\_fimZp3\_reverse\_564607\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaatggcttttgatctggttgctgaacaagtgaacgaccgcgtctgattttctgatttaTttcgctatagcggcaaacaa

>ECK120010508\_fkpAp1\_reverse\_3477525\_[IHBCE|W|Inferred by a human based on computational evidence],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gagacagcactcatttcgcggtcatcgaaactaatttaaacaaaaagagtctgaaaatagAtgataatagggcgtgtctgt

>ECK125136749\_flgNp1\_reverse\_1129914\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacccggcagcagtgatatcaatcttgaacgtgtcgaagcgttaaaactggcgattcgtaAcggtgaactaaaaatggaca

>ECK125138032\_frdDp1\_reverse\_4379473\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctgctgcacaccaaaacctggtttgaactggcaccgaaagcggccaatatcattgtaaaAgacgaaaaaatgggaccaga

>ECK125138033\_frdDp2\_reverse\_4379433\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggccaatatcattgtaaaagacgaaaaaatgggaccagagccaattatcaaaagtctcTgggcggtaactgtggttgcc

>ECK125136387\_frrp6\_forward\_192849\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttaatcagggctatacttagcacacttccactgtgtgtgactgtctggtctgactgagAcaagttttcaaggattcgta

>ECK120016720\_ftnBp\_forward\_1986775\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

atttcatcaatgaaatgtaaaaatatataaacttgatgatttaagcattttcttatacccGttcagacgttattcttattt

>ECK125137687\_ftsHp1\_reverse\_3327102\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137594\_ftsPp1\_reverse\_3162851\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137792\_ftsXp3\_reverse\_3602252\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010066\_fusAp\_reverse\_3473685\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gataaatccatggctctgcgcctggcgaacgaactttctgatgctgcagaaaacaaaggtActgcagttaagaaacgtgaa

>ECK125136969\_gadCp1\_reverse\_1570584\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136970\_gadCp5\_reverse\_1570527\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136711\_gfcAp1\_reverse\_1049834\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137779\_glgXp3\_reverse\_3571419\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137618\_glnEp1\_reverse\_3199698\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138010\_gltPp1\_forward\_4294378\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138012\_gltPp8\_forward\_4294268\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136380\_gluQp1\_reverse\_160143\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137586\_gprp1\_forward\_3147781\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137873\_gpsAp8\_reverse\_3783681\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccggttaacttcgatgcgctgttcatgaactatttgcagcagcaggctggcgaaggtactGaagaacatcaggatgcctga

>ECK120016577\_greAp2\_reverse\_3328853\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ccctataaagtaaacgatgacccttcgggaacttcagggtaaaatgactatcaaaatgtgAattgtagctgacctgggact

>ECK120016717\_gspAp4\_reverse\_3455634\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137488\_gudDp1\_reverse\_2919513\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctgatgcgcccggtctgggcgtggaactggactgggaacaggtacaaaaggcacatgagGcctataaacgtctgcctggc

>ECK125137414\_hcaTp1\_reverse\_2667863\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033255\_hcpp2\_reverse\_914129\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgcggcgttttttaatgatctggcccgtgaactgattgctattatgttgatccctgggctGattcgccgcagccgctctac

>ECK125136666\_hcrp3\_reverse\_912200\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137633\_higAp8\_reverse\_3234341\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120009992\_hlpAp\_forward\_200455\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgatgactttaggcgatcaatataagatcgccgggccacgcaaagaactgcaccctccggTgcaaatgggatggtaaggag

>ECK125137848\_hokAp6\_reverse\_3720810\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120035105\_hokEp\_forward\_607731\_[AIPP|W|Automated inference of promoter position]\_Weak

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>ECK125138102\_hsdSp1\_reverse\_4581502\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137532\_hyuAp1\_forward\_3009919\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137533\_hyuAp6\_forward\_3009830\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137477\_iapp6\_forward\_2876544\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatttcgggcgtttaggaagatttgaaattgttttagcgcagcggcagtttcatactatgGcggtaaaaaaatttgcatgg

>ECK125122036\_ibaGp2\_reverse\_3336886\_[HIPP|W|Human inference of promoter position],[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatggcgttaaccgcctgtccggcaaacctgcctgcaagtcgagccttgtctgatttatcAgcgaggctttttgcttattt

>ECK120010013\_impp3\_reverse\_57336\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggccacgccaatgatttttccccaatactgcatatattccccaaatcgacacacggatatCagggctatctcccacaatat

>ECK125136474\_insFp4\_reverse\_392660\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacgtgaactggagatgtctaccgagattgcacgtctcaaacgccagctggcagaacgggAtgaagagctggctatcctcc

>ECK125136595\_insHp3\_reverse\_689205\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acaatattctcctatccaactttggcacatctattgctttgttatacaaggcaaaccctgAaacagcatcagtacaaccta

>ECK125137849\_insJp4\_forward\_3720594\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tccaggtgaaaaataaaagcgtgaaacaaatcactattaaagaaagtaatctatatttctGcggcattcccagcctcctgt

>ECK120015517\_insKp\_forward\_3721065\_[HIPP|W|Human inference of promoter position]\_Weak

aagctggtttacgcgcgctcaagattggcaccaaaagaaacattgcaatatcagttgatcCagaaaaagcggcatcagcat

>ECK125136533\_intDp6\_reverse\_566101\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catcgaaaaaatggacgaggcactggctgaaattggttttgtatttggggagcaatggcgAtgacgcatcctcacgataat

>ECK125136886\_intRp4\_reverse\_1413260\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctcctttaggtaagccagacagcaaacgagggattatctggtacaactatccaaagataAatcagtttatcaaagactca

>ECK125137383\_intZp3\_forward\_2558693\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tccttaaactgatatacattgccgaacaatgtggtctttagtttcataagtcgttccctcAggaagaatcgatgattggca

>ECK125137410\_iscAp6\_reverse\_2659962\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137400\_ispGp1\_reverse\_2641880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgcagtacagatccagtatcaagggaaacctgtcgatctgagtcgttttatcagaactaAccaggttgcgcgtctgaccc

>ECK125137401\_ispGp4\_reverse\_2641950\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcagcgtaaagacggtaatttgaacttaaccggccaggcaccgtacaaactgaaaattGgtgcgccagccgcagtacag

>ECK125137118\_kdgRp1\_reverse\_1910253\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggggcaatggcaggccgtcggcctgaacttttggcataggaattttatatctttggtgaAtaatcaacaggggtatgatt

>ECK125137119\_kdgRp8\_reverse\_1910125\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaaagatggattgcgaccaccctggtgcgaaattataataaaaaacagttctgatttttAtaaaacactcgcaatgaggt

>ECK125136818\_ldcAp9\_reverse\_1243197\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggcgggttcgtatagtcatgctttgatgaacaacccgctaataacacaatcaaaaaggcAaaccatctcaatttcacttc

>ECK125137422\_lepBp1\_reverse\_2705464\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcacatcattgcgcgatccaccgtgaaacagctgcgtaaaaacgtactggctaaatgttAtggcggcgatatcagccgta

>ECK125136363\_leuDp4\_reverse\_79594\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcctggctgctcaatgtgtctggcgatgaacaacgaccgtctgaatccgggcgaacgttGtgcctccaccagcaaccgta

>ECK125138110\_lgoRp4\_reverse\_4595947\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacattcatcgtagacatgattcggctctccactttttgttgccttagatatcaatgaaaAtgaaaaatggcagcggaacg

>ECK120016715\_lhrp\_forward\_1728353\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

caagtaatatttgtcataatgcgcgctgcaatttatccgtattaagagaatcagatgtccGataacgctcaacttaccggt

>ECK125136572\_lipBp2\_reverse\_662401\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctatcaacgccactcatatcgagcaggttgaaacactgtatgaagaactgggcaaaatcgAtattgtccgcatggttctgt

>ECK125136781\_litp1\_forward\_1198516\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatgatgaaatgatgaaatgatgaaatgatgaaatgatgaaatgatgacagagtgtccAgtgggcacggatggtgtctt

>ECK125136598\_lntp4\_reverse\_690984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgggcatcttccggcgcgtggcgaaactatcgacatcgacggttaccagttcaaagtggcGatggccgacagtcggcgtat

>ECK125136408\_lpcAp1\_forward\_243468\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctcacattgttgctgtttttatccgcacttcaggtcaaaaagtcctggtcatagcacctGcccgtacttctcgcttttgg

>ECK120030206\_lptAp1\_forward\_3343326\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

cctctgaagacctcgtcacgttatacggaacaacatttaactccagcggtctgaaaatgcGcggcaacttacgcagcaaga

>ECK120016578\_lptBp\_forward\_3343396\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

acgcagcaagaacgccgagctgattgaaaaggttagaacatcctatgaaattcaaaacaaAcaaactcagccttaatcttg

>ECK120009997\_lpxDp\_forward\_200960\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acgccgttgcttacaacagcagcgatgtaaaagacatcactgccgacgtactgaaacaggTtaaataagtaatgccttcaa

>ECK120009962\_lpxPp\_forward\_2495578\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tgtcctgactagtctttacactctttacaggaaccattgtcgtacatgatggcccaaccaAttgagtgtaccgctgtcgac

>ECK120016707\_malQp\_reverse\_3550399\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aaaatatctttatttttggtcataccgtggaacaagtgaaggcaattctggccaaaggctAcgacccggtgaaatggcgga

>ECK125136438\_matAp1\_reverse\_311393\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaaataattaaacttaatctcgtttaacctttattgatatgtactacgtatcttatttaCttccggtttactaaggaaac

>ECK125136439\_matAp5\_reverse\_311446\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137487\_mazGp4\_reverse\_2910860\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatccgttcgaagttgttttatccggtcaggaacgtgatggcgtagcgttagctgatcagGtaaaaagtatcgcctggcgg

>ECK125136801\_mcrAp10\_forward\_1210195\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctggacgattaattgcagcaggaactcctcgccagaaggtggcgattatctatgatgttGgtgtgtcaactttgtataag

>ECK125136798\_mcrAp7\_forward\_1210139\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacagggacgaattggtggacgtcgtcccaaacttacaccagaacaatgggcacaagctgGacgattaattgcagcaggaa

>ECK125137606\_mdaBp1\_forward\_3172423\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggctatcagtattgtcattttcagaaaatatttatcctgcatcggtgagtcagagtaagAtcagacttttgctaaattcg

>ECK125137040\_mdtKp10\_forward\_1743269\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttttgcggtgccctgtacaatccccgtaaacatacttacaactcctgaaatcagttaagAcattctgttcagcacaatag

>ECK125138017\_mdtPp6\_reverse\_4301236\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggaactcggcgcaggcgctggataacgcactacagccggacagagcaggtcagtttgccGacgccctggagaaatacgct

>ECK125137261\_mglCp6\_reverse\_2237959\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaccagaaatattaatgctcgatgaaccgacgcgcggtattgatgtcggggcgaagtttgAaatttatcagttaattgccg

>ECK125137262\_mglCp9\_reverse\_2237923\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtattgatgtcggggcgaagtttgaaatttatcagttaattgccgaactggcgaagaaagGcaaggggattattattatct

>ECK120030785\_micAp\_forward\_2814802\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctccggtaatttttttaaaaattttctgaactctttcttcccaggcgagtctgagtatatGaaagacgcgcatttgttatc

>ECK125165944\_micLp\_reverse\_1958747\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcactgcaaggtttatcaaaaattatggaacttattgcccatcgtgatgctccaatcattAtggccggagcaggagtccgt

>ECK125136810\_minEp3\_reverse\_1224711\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatgtgctggagatcctgcgcatcaaactcgtcggcgtgatcccagaggatcaatcagtAttgcgcgcctctaaccaggg

>ECK125136417\_mmuPp1\_forward\_275119\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgaaggtaagttgatgactcatgatgaaccctgttctatggctccagatgacaaacatgAtctcatatcagggacttgtt

>ECK125136418\_mmuPp2\_forward\_275315\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attctgttaacaaacgcggtataacaaaccttctttggatgtttagatgtccatacgtttAgaaggttatatgcaaacaac

>ECK125136879\_mppAp5\_forward\_1393054\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gattatgataccgaaaacgggtttgaacgtgcgaagcccgaacgtagtgttcggagttctAtgtgctttaccgcattttgg

>ECK125137291\_mqop1\_reverse\_2306924\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccggacggcataatattacgacgctgacctggcggactgctgccgtcaggtcaatatgctAaaaatcccttcatttctaat

>ECK125137244\_mrpp2\_reverse\_2194175\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtacttctctatattcttcaggtaaactatcagctgatggtttatctatacaaaaaaggAgtcgggatgaacgaacaatc

>ECK125137188\_mtfAp1\_forward\_2043618\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttcagatggttgccatgatgccaggaaatttggcattttaacagtccctgtccgtgcaaTtttgttcaagtgacgagttt

>ECK125137500\_mutHp5\_forward\_2969582\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttgcagtgttgcgcaactcgattaccggcaacctaaaaagcaatataaatcagagaattGaacaacgcatgtggaaaaag

>ECK125138090\_nanSp1\_reverse\_4537703\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aataatagtctattgattattggcggtgaaactgcaggcggcaaagcggtgacggattcaGttttgatcactgtgaaggat

>ECK120016713\_narWp\_reverse\_1538687\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tggagtacgcatggtttaacaacgtcgaaaccaaaccgggcattggttatccgaaaaactGggaagatcaggaagagtggc

>ECK125136957\_nhoAp2\_forward\_1533963\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtaacgaaattaacgggattggcgatttgcgaacgtgatgcatgtccgcgatcgcacaaaAtagccggtgcggcgtctatt

>ECK125137061\_nlpCp3\_reverse\_1792827\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137758\_nudEp1\_reverse\_3526186\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attaagttacataaatgtaaataacatgcaattcacattgccgaaagcgtgtccgatatcGcacaataaccgctgatttca

>ECK125137080\_nudGp3\_forward\_1841438\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggggatgaagatggcggtctagcacaggcactccttaaatataaagcctttctgattgaGcaacagtgcggatattatgg

>ECK125136930\_opgDp4\_forward\_1496645\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accaggaagcggaagaacgcagtaaacgtcgctgtggtttgctttaaaatctgaccatccGcctttgcaaaaatttgcctg

>ECK125137359\_oxcp10\_reverse\_2492130\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136755\_pabCp1\_forward\_1153293\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttttattccgacttgttccgtagtgaacatgctgccacactaacaattctctgataaggAgccggtatgttcttaattaa

>ECK125136756\_pabCp5\_forward\_1153194\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcggcttcggtggcactaatggttctttgatctttaaaaagatctaagttgtcattttccAcccttataaaaggtccgctt

>ECK125136373\_panCp2\_reverse\_148920\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actgacgggcagatcctcgtgatgcacgacgcctttggtattaccggcggtcacattcctAaattcgctaaaaatttcctc

>ECK125137790\_panZp1\_forward\_3597828\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136944\_patDp3\_forward\_1515415\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgccttgtcgttcgatgaaatcatcgttacgacctttacggcaggtcatgaacgaacgttAccgttgtggttgctcaatca

>ECK125136945\_patDp4\_forward\_1515440\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttacgacctttacggcaggtcatgaacgaacgttaccgttgtggttgctcaatcagcttGggcgaccgcgtgatgtaccg

>ECK125136860\_pgpBp5\_forward\_1339193\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggcttctgccacacgtttaagctgcatgaaattctccagataatgctggttctgtattgGcttattttgccataacgaga

>ECK125136776\_phoQp5\_reverse\_1189940\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgaccgcgttcgaatacactattatggaaacgttgatacgcaataatggcaaagtggtcAgcaaagattcgttaatgctc

>ECK125136991\_pinQp1\_forward\_1633584\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attttcgaacgtgtacatacaaatatgcacaaaaataatcataattattttctgagatgcAttatgatatgaacaccaatt

>ECK120016710\_plsBp\_reverse\_4256598\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

atccagtggtattattggccattgaaagaacctttttacattatgagcgtcaatatcagtGtaccgttaaatccgatgatt

>ECK125137623\_plsYp5\_forward\_3204533\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acggttatcccacgccatttcgatatcgaacactaacttctgttcgatggtctgttcccaGtcgtaaacaccaatagtggt

>ECK125136600\_potEp1\_reverse\_718344\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagggatcaacctgctgccaggttttgcaccggagctgcagggtgtctatatcgaagaacAtgatggtcgtaagcaagttt

>ECK125137567\_pppAp3\_reverse\_3114479\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggataaggcgctcgcgccgcatccggcatgaaataaggcgcaccgggttaacacatttgCccgatgcgcctgcttatcgg

>ECK125137057\_ppsRp1\_forward\_1787339\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttccacataaaccatcggtataaacgaaaccataaaaatgaaatgctgttttcataaaaaAtaaaattgaaggttcatttt

>ECK125136956\_pptAp7\_forward\_1532858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcagcagaattattttcagggatacggcacattgctattaatattttgacgaatgataAggtattcaaggcagggttaa

>ECK120009965\_psdp\_reverse\_4390638\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gtgagttcggcctctggcacctggagccggaacaaatcactcagggctttgtcgaattccAtgactatttaggtctgtgta

>ECK125137271\_psuGp4\_reverse\_2258557\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acggcgtttattacagcgatatcagcggtgaaagtggctggtctgcgccgatcaaaaccaAtgttattaatgttaccggag

>ECK125137270\_psuTp2\_reverse\_2257496\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cattcctgctggcgcgcgttgctgaactgaccggcggtgacagcctgaaatccaacatccAgctggtgttcaacaacgcca

>ECK125136887\_racCp4\_reverse\_1417811\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgccgaaaaagaccagatggcacatgaactttaattaattgactattcgaaactgaatttAtgccagaaatggcaggtatt

>ECK125137239\_rcnBp\_forward\_2186884\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137295\_rcsCp4\_reverse\_2320081\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137929\_recQp1\_forward\_4005858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136999\_remp1\_reverse\_1644972\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgtttttattttcaacgcgtttgaagttctggacggtgccggaatagaatcaaaaataCttaagtagcgcgcagggata

>ECK120009996\_rfaDp4\_forward\_3793970\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gattcggatgtgatggtatgattacagacattcgtgtctgagattgtctctgactccataAttcgaaggttacagttatga

>ECK125137813\_rhsBp12\_forward\_3619097\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acacctgattcctctctaaataccctatccgaaccttctcttttgtaacgttctaaatatAttcctaaaaatcttcaattc

>ECK125137808\_rhsBp3\_forward\_3619074\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137810\_rhsBp9\_forward\_3619044\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gattgagtctattattgggtcctttggtgaacgatcaacaaagggccactagcacacctgAttcctctctaaataccctat

>ECK125136594\_rihAp3\_reverse\_684602\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcccgtaaagtggcgaatcgggtgatctttatggacgagggtaaaattgtcgaagactcGccgaaagacgctttcttcga

>ECK125136641\_rlmFp1\_forward\_842192\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgacagagatgtgcttattttttgaacgatatatttttacaaaataagacaaatcaatGacatgcataatgctgatttt

>ECK125137634\_rlmGp4\_reverse\_3235892\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacgaaaaagagaaaaagggtatactcacgcacccttttcaggggcaatgtcgaaattttAtcattcaggagggccgatga

>ECK125136361\_rluAp1\_reverse\_60450\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctcgtctggaagctctgcgtgcagtgaacccgaacattcgtgacgacgaactgaccgccAttgagagcaaccgtcagcag

>ECK125137995\_rluFp1\_forward\_4230309\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagcaggtaacgaattcaagccaatggaaataacaaatagttcgctcatgactattttttAtcaacccaaaggtacggtat

>ECK120016716\_rnlBp\_forward\_2766707\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cctgactactgtatgttactttatcctgaactacgcaccattgaaggtgtcttaaaaagtAagatgagtgggttaggcatg

>ECK125137440\_rplSp1\_reverse\_2744642\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgggccgtacctggcttagaagacctgaacttctggaaaacctggctctgactgaagagcAagcaaggttgctggcggagt

>ECK120033261\_rpoDp4\_forward\_3212693\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tacaaataatgctgccacccttgaaaaactgtcgatgtgggacgatatagcagataagaaTattgctgagcaaaccttcac

>ECK120010515\_rpoHp3\_reverse\_3600870\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgcgtaatttattcacaagcttgcattgaacttgtggataaaatcacggtctgataaaacAgtgaatgataacctcgttgc

>ECK120010580\_rseAp3\_reverse\_2709632\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aagtggcggcgcgttgaaagaaatttcgaaccctgagaacttaatgttgtcagaagaactGagacagatagttttccgaac

>ECK120010009\_rsePp\_forward\_196470\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caggaattaaggacagcggtcatttaattccaggacacggtggtattttagatcgtattgAtagcctgacggctgcggtac

>ECK125137794\_rsmDp1\_forward\_3604352\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137554\_rsmEp1\_forward\_3091018\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137775\_rtcAp1\_reverse\_3556880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137776\_rtcAp2\_reverse\_3557002\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggcgggtaatgagccgaactaaagcgaaaaaactgttcagcgtggaagatcaaattcgtGccaccgcgcatgtggaatgc

>ECK125136724\_rutGp2\_reverse\_1070045\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctttttggcggcaaaacgcccatggaacaccgctttgccgccgcccgctggcagacggggGtgaccggatgcccgcaactg

>ECK120016712\_rutRp\_forward\_1074134\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ttattaatctgttaacattacgttatctaaaatatctggtaaaaagtggactaaacggtcAaaacagttgcacataaaaca

>ECK120030786\_rybBp\_reverse\_888057\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaaatgaaatttttttgcacaaccgcagaacttttccgcagggcatcagtcttaattagtGccactgcttttctttgatgt

>ECK125136979\_sadp5\_reverse\_1614799\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttatgctgccagcttcggcaaccgcgttgaacatctccagttgggtcagatccatagcaTtctcgattcgtgaataagtg

>ECK125136869\_sapFp5\_reverse\_1352657\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcattgtgacgccacgtttgacgggggcgaaaaatcatctctatgcctgtcatttcccGctgaacatggagaaagagtg

>ECK125136484\_sbcCp2\_reverse\_415847\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagccagccaacagcgtgaaaccctcagcgaactcagcgtcgaagaggtgttcaatcgccGtctggcactggaagaactgg

>ECK120009967\_sbmAp\_forward\_396553\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tcgaaacaattcttatggtcaggctggcgaactaagcgccttgctatgggtcacaatgggCggtttcatttggctgacgct

>ECK125137892\_setCp14\_forward\_3836744\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agattaatttgttcatttaatatatcaaatcaacttgttttatttttactatcaaaaataGctcattgccttactataatt

>ECK125136883\_smrAp1\_forward\_1405936\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcggcaatatttggaacttattactggaaatttgggtaatacgttgttggaccgacccgGtctggttatcatatcgcgct

>ECK125138052\_tamAp1\_forward\_4442270\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaggttgtaacaagaggcgtatttgcacacaataaccaccgtgaataggtctaaagtaaAacataagaaatatttggggt

>ECK125137663\_tdcRp8\_forward\_3267254\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttaaatatcaacaagttaaagtataaaaatcagcataaaccctgatttttgtcaaaaaaaAtgacggggataaccatattt

>ECK125136837\_tdkp1\_forward\_1293516\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagctgaaaaactgacgaattatgataaactccagccaactttatttcatatcattgaggGcctgtggctgatggcacagc

>ECK125136794\_tfaEp1\_reverse\_1209266\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136795\_tfaEp6\_reverse\_1209189\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137238\_thiDp3\_reverse\_2184673\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atccgttaatgaccaaagtggtaggaactggctgtgcattatcggcggttgtcgctgcctGctgtgcgttaccaggcgata

>ECK125137499\_thyAp2\_reverse\_2965348\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttattatcctcaacctgtatattcgtaaaccacgcccaatgggagctgtctcaggtttGttcctgattggttacggcgc

>ECK125136721\_torTp1\_forward\_1056220\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137789\_ugpQp1\_reverse\_3588300\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtaaaatgactctcggcattcgcccggaacatattgcgctaagctcgcaggcagaaggcgGcgtaccgatggtgatggaca

>ECK125138039\_ulaRp5\_reverse\_4418562\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcgcggtttcgatgattgcttcactattgaaccggatctgccgttcaagtcattcctgtAatctgtcgtttataccgggt

>ECK125137882\_waaUp9\_reverse\_3799398\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttacgatgtaattccatttattaaacttcaagacatcagtgcagaagaatcaaaagatAtgacaagaaaaaaaatgcaa

>ECK125137213\_wbbKp4\_reverse\_2104606\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggttgggtgagaatgtgacggttttgcctggaacaattattggtaatggagtcgtagtcgGcgccaattctgttgttagag

>ECK125137222\_wcaMp1\_reverse\_2115934\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtcaaacgcgcgcgcgaaaaagttgaacacgattttaaccagcaggtgatcaatcgagaActcgccagcttgctgcaggc

>ECK120033256\_wzap2\_reverse\_2137193\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

taaataaacaatgatgaaatccaaaatgaaattgatgccattattggtgtcagtaaccttGataagcggttgcacagtact

>ECK125137888\_xanPp5\_forward\_3828821\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcctgggtcaaattctcagctgttaatgaacaaatggcatggattttaagcagaaaaatAccaaaagttatataaaaaag

>ECK125137997\_xylEp1\_reverse\_4242270\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataattgccttaactgcctgacaattccaacatcaatgcactgataaaagatcagaatggTctaaggcaggtctgaatgaa

>ECK125136345\_yaaAp3\_reverse\_6587\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccagtgattatctacgccagcgtaaactcggcgtgcgcccggtgtttgatccattgcgttAtccggatatcggtcgccagc

>ECK125136366\_yacHp3\_reverse\_131307\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136368\_yadEp3\_forward\_144965\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136377\_yadNp1\_reverse\_156984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136385\_yadSp7\_reverse\_177757\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136397\_yaeFp1\_reverse\_217135\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136395\_yaeQp3\_forward\_214088\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136462\_yahMp5\_forward\_345336\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136482\_yaiIp7\_forward\_405698\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136467\_yaiOp6\_reverse\_380850\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136468\_yaiPp5\_reverse\_383985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136471\_yaiSp13\_reverse\_384738\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136487\_yajIp6\_reverse\_433034\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acactgccgacggcggcgtacggatgaaccctcgcccacgagacgagagtcaattaccttAgtgtccacggcgaaacagaa

>ECK120009963\_ybaBp\_forward\_493709\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgcgacccgtgggcggcacaggtgagccaactttcgctaccaaaactggtcgaacaggtgGcgttaaatgcctggaaagag

>ECK125136501\_ybaNp1\_forward\_490718\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136512\_ybaPp6\_reverse\_508284\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136545\_ybcHp4\_reverse\_588070\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136555\_ybdDp2\_forward\_631991\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136546\_ybdFp5\_reverse\_606053\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136556\_ybdHp6\_reverse\_633517\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136551\_ybdKp3\_reverse\_607561\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136559\_ybdMp2\_reverse\_635555\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136580\_ybeQp1\_reverse\_676706\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136588\_ybeRp7\_forward\_676560\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136602\_ybfAp7\_forward\_729037\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136599\_ybfFp1\_reverse\_712846\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120016584\_ybfHp\_reverse\_716641\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ataaagtcattttttattcaaatataaggaacttaatatttaaaaaatgttccatacaatTcctcatcataaatgacaccg

>ECK125136610\_ybgDp9\_reverse\_752958\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136609\_ybgOp4\_reverse\_749182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136619\_ybgSp1\_reverse\_785339\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136620\_ybgSp2\_reverse\_785459\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136631\_ybhHp8\_forward\_800552\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136651\_ybiUp5\_reverse\_859100\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136667\_ybjEp3\_reverse\_914901\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136663\_ybjOp4\_forward\_897852\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136675\_ycaDp1\_forward\_945719\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136685\_ycaLp1\_forward\_960132\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136708\_yccXp7\_forward\_1029994\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136729\_ycdUp1\_forward\_1095693\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136730\_ycdUp9\_forward\_1095633\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136754\_yceFp9\_reverse\_1146749\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136748\_yceMp4\_forward\_1126604\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136741\_yceOp1\_reverse\_1119511\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136742\_yceOp7\_reverse\_1119632\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136766\_ycfTp11\_reverse\_1175329\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136822\_ycgYp1\_forward\_1245083\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136823\_ycgYp6\_forward\_1245101\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136832\_ychNp4\_reverse\_1273655\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136844\_yciBp3\_reverse\_1313055\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136846\_yciEp6\_reverse\_1315238\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136854\_yciNp9\_reverse\_1330757\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136865\_yciTp1\_reverse\_1344544\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136841\_yciUp5\_reverse\_1307352\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136866\_yciWp4\_reverse\_1350236\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136867\_ycjDp4\_reverse\_1351866\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136872\_ycjMp4\_forward\_1370003\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136923\_ydcAp6\_forward\_1491647\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136934\_ydcKp8\_reverse\_1500640\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136939\_ydcLp7\_forward\_1502323\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136947\_ydcXp1\_forward\_1517221\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136951\_ydcZp1\_reverse\_1518375\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136972\_yddBp6\_reverse\_1577666\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136959\_yddJp1\_reverse\_1544866\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136962\_yddJp8\_reverse\_1544758\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136986\_ydeIp1\_reverse\_1624516\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136975\_ydeRp1\_reverse\_1588298\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136990\_ydfKp5\_forward\_1632985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137034\_ydhBp2\_reverse\_1739809\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137031\_ydhFp1\_reverse\_1725648\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120016714\_ydhIp\_forward\_1720998\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137041\_ydhSp3\_forward\_1747068\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137042\_ydhSp5\_forward\_1747113\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137044\_ydhTp1\_reverse\_1749569\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137046\_ydhZp6\_reverse\_1755209\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137054\_ydiMp1\_forward\_1770930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120035108\_ydiVp\_reverse\_1792087\_[AIPP|W|Automated inference of promoter position]\_Weak

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>ECK125137064\_ydiYp6\_reverse\_1806217\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137085\_ydjEp5\_reverse\_1853983\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137087\_ydjFp1\_reverse\_1854924\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137077\_ydjXp1\_forward\_1833308\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137092\_yeaIp6\_forward\_1870243\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137096\_yeaNp4\_forward\_1875463\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137099\_yeaOp4\_forward\_1876777\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137102\_yeaQp1\_reverse\_1879390\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120009969\_yeaYp\_reverse\_1890561\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137141\_yebAp1\_reverse\_1941683\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137142\_yebAp5\_reverse\_1941833\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137143\_yebAp6\_reverse\_1941721\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137126\_yebVp1\_forward\_1921745\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137130\_yebWp3\_forward\_1921957\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137201\_yeeAp6\_reverse\_2080661\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137194\_yeeOp6\_reverse\_2059875\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137204\_yeeZp7\_reverse\_2089176\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137241\_yehEp1\_reverse\_2192909\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137269\_yeiIp2\_forward\_2251653\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137275\_yeiWp7\_reverse\_2265413\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137297\_yfaPp4\_reverse\_2328199\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137325\_yfbNp1\_reverse\_2388587\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137327\_yfbOp1\_forward\_2388573\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137330\_yfbPp7\_forward\_2388995\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137336\_yfcIp7\_reverse\_2423712\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137337\_yfcIp8\_reverse\_2423614\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137347\_yfcVp8\_reverse\_2455688\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137354\_yfdGp4\_forward\_2467737\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120016565\_yfeKp\_forward\_2537315\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137375\_yfeRp1\_reverse\_2527039\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120009972\_yfeYp\_reverse\_2551243\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137384\_yffOp1\_forward\_2562080\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137388\_yffQp3\_forward\_2563409\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137449\_yfjIp8\_forward\_2758881\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137479\_ygcNp3\_forward\_2892572\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137482\_ygcWp12\_reverse\_2900471\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137506\_ygeAp5\_reverse\_2980803\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137529\_ygeWp1\_forward\_3006224\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137539\_ygfUp6\_forward\_3031189\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137547\_yggCp1\_reverse\_3074756\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137553\_yggIp6\_forward\_3089588\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010000\_yggNp1\_reverse\_3101798\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caaactggatgaggtacgcaccagcgaacttttcgacgtttggtgggactaagaaagcatAcgggcgatgacaaatgcaaa

>ECK120010001\_yggNp2\_reverse\_3101744\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aagcatacgggcgatgacaaatgcaaaactgcctgatgcgctacgcttatcaggcctggaAagatgcacgatcgagtaggc

>ECK125137565\_yghDp3\_reverse\_3111276\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010010\_yghFp\_reverse\_3112899\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aatacagacaaagagcatctgcgaaaaattgcacgcgggatgttctggctgatgctgcttAttatttctgcaaaaatggcg

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>ECK125137610\_ygiDp2\_reverse\_3182561\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137611\_ygiDp3\_reverse\_3182429\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010002\_ygiMp\_forward\_3201104\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

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>ECK120016574\_ygiMp2\_forward\_3201042\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137592\_ygiQp1\_reverse\_3161310\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137652\_yhaIp12\_forward\_3252825\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137649\_yhaIp9\_forward\_3252700\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137681\_yhbUp1\_forward\_3301329\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137683\_yhbUp7\_forward\_3301279\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137698\_yhcAp1\_forward\_3362039\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137708\_yhcMp1\_reverse\_3380156\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137728\_yhdUp1\_forward\_3412497\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137756\_yhfYp1\_reverse\_3511617\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137773\_yhgFp2\_forward\_3537176\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120016708\_yhjJp\_reverse\_3682016\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125137833\_yhjRp12\_reverse\_3696215\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137834\_yhjRp13\_reverse\_3696375\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137830\_yhjRp5\_reverse\_3696356\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaaataaacctaccattgaaattaaaacttatcagatttagcatgtgaatcaatttagaAggtcacaagacgtgtgattt

>ECK125137839\_yhjXp6\_reverse\_3712097\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137852\_yiaBp1\_reverse\_3727797\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attaatatttagtatgaatttattctgaaaatcatttgttaatggcatttttcagttttgTctttcgttggttactcgtaa

>ECK120033257\_yiaKp2\_forward\_3742720\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tatatttgaaatcaagtttcgcatattgaaattttaagccaaaaaagcgatcaaaaaaacAaggaagcctgggatgaaagt

>ECK125137876\_yibBp6\_reverse\_3793834\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137868\_yibGp6\_forward\_3768064\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatggatacagtgctaacagcaccaacgaaccttaattcaaataaggatctaatggctAtaacaacaaaagaccttggt

>ECK120016718\_yicJp\_reverse\_3836664\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aaaacaagttgatttgatatattaaatgaacaaattaatcttgatggcagtctgattattGgtgaagtttatagtcagttt

>ECK125137893\_yicNp4\_reverse\_3842509\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137894\_yicOp1\_reverse\_3843957\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137897\_yicOp11\_reverse\_3843819\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137895\_yicOp5\_reverse\_3843880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatttgattattatttatcataaagaaacgtcgcgagattattaaagaatatccattaatGtgcaattgaaatgtgataat

>ECK120010004\_yidQp\_forward\_3867544\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccagaacacccatcaggcgcgtcctcatcggctacgatgtaaaaatgggtctggaaatgaActtttcaagccttatcagcg

>ECK120016709\_yieEp\_forward\_3893829\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aaagttgtaataagcttgtctgaatcgaacttttagccgctttagtctgtccatcattccAgtaaatgattactcttgtat

>ECK125137905\_yieHp4\_forward\_3896657\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttgatgactcattatctatttccgaacaaggagggaaaatccgtcgctatcgtataccaAaatgcgacaataggcgcgtt

>ECK125137908\_yieKp2\_reverse\_3899464\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137942\_yihFp1\_forward\_4044175\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137943\_yihFp4\_forward\_4044055\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137949\_yihLp2\_forward\_4060253\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137952\_yihNp5\_forward\_4062166\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137955\_yihQp1\_reverse\_4069446\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgttttttaatatttacggacagagaaaataacttgtattgattagcagtcaaaatcattGaagaacatttcactcgctaa

>ECK120009970\_yiiSp\_forward\_4112869\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gcaaatgacaatacccggaaaatccttctgaactcttcaccttaagcaatatcaaaaaaaAtggtaatccataagatcatt

>ECK125137977\_yijEp5\_forward\_4136089\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138007\_yjcEp7\_forward\_4279835\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138038\_yjfPp5\_forward\_4416935\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138073\_yjgZp1\_forward\_4501058\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcccgtcacccggacagacaccgttatggacttctcttgttgcacgatcgatcaattgttAtgcatgctgacaccacaacc

>ECK125138078\_yjhBp7\_forward\_4503882\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138089\_yjhGp4\_reverse\_4524226\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138104\_yjiAp7\_reverse\_4589048\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggggctttgttcttatcagagtgaactatgtttggtaacttaggacaggcaaaaaaatAtctcggccaggcggcgaaga

>ECK125138093\_yjiJp4\_reverse\_4562682\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138095\_yjiKp7\_reverse\_4563730\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138105\_yjiYp3\_reverse\_4591347\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138112\_yjjAp1\_reverse\_4600337\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138107\_yjjLp6\_reverse\_4594844\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcacggttttatcaaaagataaataccgggaaattcccgcttacctatgctcacaatcaGtcgactaaaaatgtttttgt

>ECK125138109\_yjjLp8\_reverse\_4594882\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138128\_yjtDp8\_forward\_4640838\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136415\_ykfIp7\_reverse\_263818\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136444\_ykgBp3\_reverse\_318376\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136449\_ykgCp1\_reverse\_320215\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136435\_ykgJp2\_reverse\_304258\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136443\_ykgLp1\_forward\_311939\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136521\_ylbAp2\_reverse\_544056\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136739\_ymdBp4\_forward\_1105738\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136784\_ymfIp1\_forward\_1201440\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136787\_ymfJp9\_reverse\_1202259\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136820\_ymgEp6\_forward\_1244579\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136806\_ymgFp1\_forward\_1218814\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136952\_yncBp4\_forward\_1518892\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136976\_yneEp5\_reverse\_1609182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136978\_yneFp7\_reverse\_1611874\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agggtacctttatttgccgccgctgtcagcgaacatgctatcttggttcggtcagtattgAtagtctggatttctggcctt

>ECK125137005\_ynfAp7\_reverse\_1655679\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137007\_ynfDp6\_forward\_1657414\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136993\_ynfOp1\_forward\_1636727\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137067\_yniAp1\_forward\_1807719\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137069\_yniAp7\_forward\_1807579\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137063\_yniDp6\_forward\_1805101\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaacgcagaaacagtgaccatgtgcacaacgccacccgacggctgtaataacaaaaaatcCcttgatgcctgtcccttttg

>ECK125137081\_ynjIp1\_reverse\_1845011\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137109\_yoaCp1\_forward\_1893966\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137112\_yoaHp1\_reverse\_1894933\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137187\_yodBp16\_forward\_2042294\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccattgcttatattggctggttacaatatgcactatcaattttttaaataacaaattattAaaaccacatctgtataagga

>ECK125137255\_yohCp3\_reverse\_2225679\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaaggacgttcatcagacagtgaaaattacatgggcgaacaaaaaataatcacaagctgActtatacttgaactgtcagg

>ECK125137257\_yohDp2\_forward\_2225763\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137361\_ypdIp1\_forward\_2494494\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgccgccatcatattgggtgagcatgaaatgagaaatcagagagcaacggtcattttgaaAgggttatcttacagttgtag

>ECK125137392\_ypfMp2\_reverse\_2591070\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaataatattaaacatttttaacgtaaacattaagaatattcatcttgttatctgtctgtAttttaaccagaattaaatca

>ECK125137459\_ypjAp8\_reverse\_2782822\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137508\_yqeFp1\_reverse\_2985624\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137510\_yqeFp11\_reverse\_2985809\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137509\_yqeFp8\_reverse\_2985701\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137511\_yqeGp1\_forward\_2985719\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137516\_yqeIp1\_forward\_2988344\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137523\_yqeKp12\_reverse\_2990570\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137545\_yqfAp10\_reverse\_3043364\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137562\_yqgAp1\_forward\_3109534\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137548\_yqgBp1\_reverse\_3086250\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137590\_yqhCp1\_reverse\_3155384\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137612\_yqiCp1\_forward\_3184831\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttctggtttatgacttacccttatcgcactacaatggcactcaacacctatcagtacaggGaaactacaatgattgacccg

>ECK120010007\_yqjAp2\_forward\_3247643\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gacctttgttacaattagattcaatttgaatttatgtttttgaatgctttcttatctcacGatttaacagggaatagttca

>ECK125137665\_yraHp4\_forward\_3287365\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttaaagttcagtctatttaatgttcaatgaaatatttctgcctgtataatctttaaagAtgttgaacatatattcacat

>ECK120010003\_yraPp\_forward\_3296349\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atccgcattccttcgcatcgtagtgctcgcattcaggaaatgcatatgctgacggtaaatTgcctgtgcgatctgatcgat

>ECK120016576\_yraPp2\_forward\_3296072\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aacggagcggcccagcttacctgccattgcactaaatactgataatgttgtcttaacggcGattgccaacgatcgcttaca

>ECK125137678\_yraRp1\_reverse\_3299012\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137762\_yrfFp6\_forward\_3526274\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137786\_yrhBp9\_forward\_3584720\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137851\_ysaBp1\_reverse\_3725902\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagtggtgtgaatcatcaccaccattaaacacgctatccctcgcaggttatcaatccagtAaattttgggctgcatctgtg

>ECK125138046\_ytfHp6\_forward\_4434104\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcttgtgtttaaatacgctaacacctaaacttacttttagtaagtacgtacaaaaaggtAagtatgaaatgagtcaggtt

>ECK120010005\_ytfJp\_reverse\_4439286\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcgggaaattcgataaatagcacatatgattaaaactcagacccaagtggtcggatcaccTgcatatcataagaaggaaac

>ECK125138053\_ytfQp6\_forward\_4449817\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttaagacggtatacagagcaggaaaatccataaccgtagccgcatttttcatagtgagAtgaaagcgattacaaacttg

1. List of 134 samples in $S^{+}(σ^{28})\_{ }$

>ECK125136964\_adhPp5\_reverse\_1553994\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctctgccgaagccctgcaacaggccattgacgataatttctggcaagccgaataccgcgActaccgccgtacctccatct

>ECK120009893\_aerp\_reverse\_3219120\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aattgcgatctaaatcaaattaatcggttaaagataaccgcagcggggccgacataaactCtgacaagaagttaacaacca

>ECK125137639\_alxp3\_forward\_3238555\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136492\_ampGp6\_reverse\_453684\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accaaaaactatcgtgccagctacaacgttgaaggtgcgttccaggcctccaacaaaaatAtcgccgatgcggttaacagt

>ECK125137915\_aspTp1\_forward\_3946780\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136355\_caiEp3\_reverse\_35499\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctggcgattgcggcgctgaaagagatctaccgcaccaccagcgaaatgccggtagaagaaGcgtatcgctatattcgcagc

>ECK125136357\_caiEp7\_reverse\_35399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137075\_chbGp5\_reverse\_1817312\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137208\_cldp10\_reverse\_2098475\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136672\_clpSp7\_forward\_922912\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136578\_cobCp6\_reverse\_670046\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataacccggaagatcttcaccttcagcctgccggtaaaatttatctggctgaaacgccgtGgtttaacatctcggcgacca

>ECK125137806\_dcrBp8\_forward\_3609913\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137106\_dmlAp4\_forward\_1881712\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136390\_dxrp4\_forward\_193338\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137290\_ecop7\_forward\_2303851\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120009892\_flgKp\_forward\_1138351\_[HIPP|W|Human inference of promoter position]\_Weak

gaacattgataatctgttctgaataactcaagtccggcgggtcgctgccgataatactctGtaattgaaggcttataagga

>ECK120009891\_flgMp\_reverse\_1130165\_[HIPP|W|Human inference of promoter position]\_Weak

gaatattcttataaacctgtaagctgttaaagattacccgtcccttgccgataaataagcAacacatgataaaagcgccct

>ECK125137156\_flhCp3\_reverse\_1977932\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgacagccaccagacgattactcagttgacgcaagattcccgcgttgacgatctccagcAaattcataccggcatcatgc

>ECK120010568\_fliAp2\_reverse\_2001808\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acccactaatcgtccgattaaaaaccctgcagaaacggataatcatgccgataactcataTaacgcagggctgtttatcgt

>ECK120009887\_fliCp\_reverse\_2003676\_[HIPP|W|Human inference of promoter position],[FP|S|Footprinting]\_Strong

aaaaatggctgtttttgaaaaaaattctaaaggttgttttacgacagacgataacagggtTgacggcgattgagccgacgg

>ECK120016224\_fliEp\_reverse\_2013093\_[HIPP|W|Human inference of promoter position]\_Weak

gaaaaattgacgctcccattatttgtgctttcgtttttttctatccgccaataaacccgtTtttttgttgctatttagcgc

>ECK120016703\_fliFp\_forward\_2013205\_[HIPP|W|Human inference of promoter position]\_Weak

caatttttcgagtttgctgacccgggagtgagtcttgttccactttgccaataacgccgtCcataatcagccacgaggtgc

>ECK120010634\_fliLp2\_forward\_2019595\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccgcgtcttttccccgctttgttgcgctcaagacgcaggataattagccgataagcagtaGcgacacaggaagaccgcaac

>ECK120009886\_flxAp\_forward\_1646388\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

aacaattaatgacacaagaaatacgattaaagatttttttgtgcatgccgatagtgctttTttaaaaggagaaatctatgt

>ECK125137968\_frvRp4\_reverse\_4089902\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttcaaaagccgattacgaagctctgctcacgctgatacggggttttctgacgaccttaActgcggagaaagtcaacgcg

>ECK125137364\_fryAp6\_reverse\_2504493\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcttacgcgtgagacggttgttcaactgacggatttcagatgatctcctgattaacccgGagcggttatgttaacgattc

>ECK125136624\_galMp4\_reverse\_788898\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgcgctgatcccggaagagctggtgcctgccgtacagcaagctgtcgctgaacaatatgAagcaaaaacaggtattaaag

>ECK125137847\_ghrBp2\_forward\_3717189\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacccaatcgccagcaacagcaccgcagaaggtaaggcgcaaaaccgccgtgtagaaattAccttaagcccgctgtaatcc

>ECK125137572\_glcAp12\_reverse\_3121321\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgctgtaaagtataacgcctatattttacagttcagtcctcttttgcttattacaacctTaagtatatcaagcatataaa

>ECK125137911\_glmSp2\_reverse\_3913811\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actcagaaagaaggctggcgtcgtccggtaaagaaaaagtgattctggccggctaacccgGtcacatgggatgaggagata

>ECK125137772\_greBp8\_forward\_3536744\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgttacaaagcatattaaacagcagcttaagtatacaatttattcggcgaaacattattGattctgttgatatgatcacg

>ECK125137917\_hdfRp6\_reverse\_3948160\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caactcattgaaggcataaccatgacgctcaagcagttgtgcctctttgatggtgaaatcAccatgacgagagaatccacg

>ECK120015403\_hemLp\_reverse\_174921\_[TIM|S|Transcription initiation mapping]\_Strong

gcaccagtacaagcagcctgatgtttgacgagtatttaacttgttatgaataacatagaaTagcagccattcactttttct

>ECK125109035\_hemLp1\_reverse\_174902\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

gatgtttgacgagtatttaacttgttatgaataacatagaatagcagccattcactttttCtacgaatcaggaaccctcca

>ECK125109036\_hemLp2\_reverse\_174941\_[HIPP|W|Human inference of promoter position]\_Weak

tactctaagaaatcaggattgcaccagtacaagcagcctgatgtttgacgagtatttaacTtgttatgaataacatagaat

>ECK125137766\_hslOp3\_forward\_3529733\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgccgcacccggaccgacgcccggacaaaaaagagcgccgcgacctgttacgatttaaacAcggcgacagtgaataactgt

>ECK125137914\_hsrAp6\_reverse\_3940706\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcacgtcaattaccagcgacacagtgataaagctggatctgcatcaggcgattgtcgatGcgattatccaaagcgatggc

>ECK125137199\_insHp4\_reverse\_2067511\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctaaatgttgaagaattatcccgcctgctgaagaacgttgctctgagtgtgataaaccttTttattcttgatgatgtcagc

>ECK125136882\_insHp7\_forward\_1395971\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcagcgatcattgttttatcaggctcctccagataattgtcgtcatgccggaaacccctGgcggggctattttaccgcga

>ECK125136552\_insLp5\_forward\_608056\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggggagtaatcccataagcgctaacttaagggttgtggtattacgcctgatatgatttAacgtgccgatgaattactct

>ECK125137473\_ispFp2\_reverse\_2871911\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137430\_kgtPp7\_reverse\_2725760\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatatttcctttacaaaaaaaataaacaaaagcgaccgacaaaagcatcggattacggcaGgagacataatggcatggctg

>ECK120015438\_lolBp\_reverse\_1263556\_[HIPP|W|Human inference of promoter position]\_Weak

ttgccgaaagccgttagattctggcaattaagacaacttgaacatagacgatagcggacgGtaacgctagcattaagggtt

>ECK125136768\_lolCp6\_forward\_1175374\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatttacgggggcttttcagattagccctgacgatcacttacagttcagacgtttacccaTcttgctttcgcttatatact

>ECK120029594\_modAp1\_forward\_794995\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

ccgcttagtcgggcattttctttttctcaacttcctgcttttcctgccgatattttttctTatctacctcacaaaggttag

>ECK120009888\_motAp\_reverse\_1977302\_[HIPP|W|Human inference of promoter position]\_Weak

accgccatcccgggcagtaaaaagacgtaaactttcccagaatcctgccgatattatcccAcaactgctggatgaacagag

>ECK125137685\_nlpIp2\_reverse\_3309040\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagaagcgactgagcagtctcaacctgctgcagcaccggaagctccggctgctgaacaggGcgagtaaggttgccatttgc

>ECK125137761\_nudEp9\_reverse\_3526329\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caagcgtggagtttaacttgagcatcattaagcacatcacagtaaccgctgatcatagcaAaccctctgaaggcggaatat

>ECK125136777\_nudJp6\_reverse\_1194437\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcggaatccaccaattcgtgaacgcaaaagtattcccaccagctggctgaagatcacctTatatgaaggacgtaatcgcc

>ECK120010266\_oppAp\_forward\_1301085\_[NTAS|W|Non-traceable author statement],[AIPP|W|Automated inference of promoter position]\_Weak

atcgtctgaatcaccagaataaataaagtcggtgatagtaatacgtaacgataaagtaacCtgacagcagaaagtctccga

>ECK125137406\_pbpCp1\_reverse\_2647493\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttactgaaccagatgcagcaggcgagcattaagcacattgagttccgtgacgatcgctttGtggcggcggttgccgttgat

>ECK125137982\_pflDp4\_forward\_4143858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136863\_pgpBp8\_forward\_1339182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggttggcagtttggcttctgccacacgtttaagctgcatgaaattctccagataatgctgGttctgtattggcttattttg

>ECK120029592\_ppdAp\_reverse\_2964220\_[HIPP|W|Human inference of promoter position]\_Weak

gaaattttgcaacgtcctgcaacggcgtaaatagtccggaagatgcgccgaagaaatagaAactggccctcgtcttttttt

>ECK125137394\_ppkp5\_forward\_2622874\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137123\_prcp1\_reverse\_1915027\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaggcgctgaacgtaaacctcgtgcgcaaaagccggtagagaaagcgccaaaaacagtaAaagcacctcgcgaagaacag

>ECK125137989\_purDp1\_reverse\_4205986\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137296\_rcsCp5\_reverse\_2319979\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatccactagtcttgtccggtatatgacgattatcagaggttaaggtgatgatttctcGgcggtgtatcatattccaga

>ECK125137931\_rhtCp2\_forward\_4007739\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatgacgaagagtagtcagcagcataaaaaagtgccagtatgaagactccgtaaacgtttCccccgcgagtcaaatgtatg

>ECK125137996\_rluFp6\_forward\_4230162\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136562\_rnkp7\_reverse\_644180\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137796\_rsmDp11\_forward\_3604315\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137673\_rsmIp6\_reverse\_3293393\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacaacaggcagacaacgcgcggctttcaaacgagaaaatgttgagggtaccataatgtaTccagtgatattttttttacg

>ECK125137777\_rtcAp6\_reverse\_3556948\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attcgtgccaccgcgcatgtggaatgccgtaaagatgccgaagtgatcgacgaaatcccgAtggcgtataaagatattgat

>ECK125137745\_slyDp5\_reverse\_3478540\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccggactagcgatatgcgccgagtttttttaagctagtgagtacacggctgcagaattccGctacaatctgcgccactatt

>ECK125138060\_tabAp5\_forward\_4474783\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccttgacccgaaaggcgggaaagcgcctgccgataagttgtgataagacaataattcacGcgttaaggctagcggaattg

>ECK120009894\_tarp\_reverse\_1972716\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caatttcgcggcgggtggcatcagcaataaagtttcccccctccttgccgataacgagatCaacttgttttcaggaaggtg

>ECK125137722\_tldDp7\_reverse\_3392184\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgacgctgtgcgtcttatcaggcctacaaacggaacataaccgtaggtcggataaggcgTttacgccgcatccgacagcc

>ECK125136723\_torTp7\_forward\_1056207\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120034223\_trgp1\_forward\_1492439\_[HIPP|W|Human inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tgtgacgcaaagaggtttttggtcataagtaattaccgtcaagtgccgatgactttctatCaggagtaaacctggacgaga

>ECK125136851\_trpAp8\_reverse\_1317241\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtggttaacctttccggtcgcggcgataaagacatcttcaccgttcacgatattttgaAagcacgaggggaaatctgat

>ECK120009889\_tsrp\_forward\_4591633\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctcggcgtaatctccgcgggatattcataaagtttttcctttccaggccgaaaatcttgcAtcggtccacaggaaagagaa

>ECK125137936\_ubiEp4\_forward\_4018747\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcggtcggttccggagcagccgaatgatgaagcttatcaacgcgatgatgaatataatcAgcagtcgcgctagcccattg

>ECK120015380\_vesp\_reverse\_1824984\_[TIM|S|Transcription initiation mapping]\_Strong

agttgtaaaaaaagcctgatcaccactaacgtaaatcacccgagttgccgataaccatccAcggttacctgaacgataaca

>ECK125136427\_yagGp9\_forward\_285207\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaaaaagcgctcggaatttaattattttaagagataaaaccgtctgcggaatatttcccGcagacggctttgttgttttt

>ECK125136480\_yaiIp3\_forward\_405723\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136500\_ybaMp3\_reverse\_490324\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacgctgcatcgtgaagtggaagcctatgaagcgcgcctggcacgctgccgccatgcgctGgaaaaaatcgaaaacaggtt

>ECK125136504\_ybaNp9\_forward\_490879\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136495\_ybaYp3\_forward\_475245\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgcagcaagccaaagtgagttgagtataacgcaaatttgctactggtccgatgggtgcaAtggtctgaattacgggctaa

>ECK125136515\_ybbJp1\_reverse\_515077\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgaacgtcagtcggcgtttttacaggctgaagcgcgtgaacgttccgccgaagcagaaGcccgcgccaccaaaatggtg

>ECK125136550\_ybdJp5\_reverse\_606264\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatggcggctcgctgattgggctggtgaaaaagcattgtgagatctgggccggtgactaaGccgggaattgccttacagaa

>ECK125136603\_ybfAp8\_forward\_729082\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agtggtcggatgagtagtaaaattacacaaaaggcggtactattttcatcagataaacaaAttcatttttccggtgccatt

>ECK125136635\_ybhNp5\_reverse\_822648\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136655\_ybiWp4\_reverse\_862783\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136639\_ybiXp2\_reverse\_839274\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgtcgcctcaatcaacaagagcggctaccgttatcacccgggcgagccaagaaccttctTgctcacagccaatatgcatt

>ECK125136691\_ycaIp8\_forward\_964108\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136740\_yceIp5\_reverse\_1118641\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136775\_ycfDp5\_reverse\_1188270\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgaaagatgaataaatatgcccatacttcacgcattacgttaagcatccgttataatcgGttgcagataccagcctgtgg

>ECK120009895\_ycgRp\_reverse\_1244556\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

catgtaaaaaatattcacgcatttgtattaagttttgttaactgtgaccgataaaccaaaGacagtttgtcagtcaggagt

>ECK125136919\_ydcFp4\_forward\_1487231\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120029596\_yecFp\_forward\_1995717\_[HIPP|W|Human inference of promoter position]\_Weak

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>ECK125137166\_yecHp5\_reverse\_1989652\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataaaaacacttcccagggttctgtttttcacgctttcttctgtcctgacgatctttatgAgtgatatctgcggcgcaggt

>ECK125137164\_yecJp4\_reverse\_1987802\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctccggcaggtttttttgtgtcctgatgacggtggatgtgactatcgctgaagatgtgaAgtcgctactataacggcttt

>ECK125137181\_yedVp6\_reverse\_2038202\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137278\_yeiRp3\_forward\_2267742\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137304\_yfaDp5\_forward\_2356690\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137357\_yfdPp9\_forward\_2473572\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctgacagttgagaaaatgccgctgcctgaagcttcgcaacgttaagctgataaacattcGacgcattgcggttatgatga

>ECK125137381\_yfeXp5\_reverse\_2550678\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137382\_yfeZp3\_reverse\_2551921\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137439\_yfiRp8\_forward\_2741702\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120029593\_ygbKp\_forward\_2862197\_[HIPP|W|Human inference of promoter position]\_Weak

cccgcattcagccgtcgatatttttgttaaggatcttggtctggttgccgatacagccaaAgccctgcacttcccgctgcc

>ECK125137491\_ygdGp2\_forward\_2930873\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137503\_ygdRp5\_forward\_2971247\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137561\_yggLp3\_reverse\_3102254\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actgggaaccttatgcggaacatatgcttgaagtgatgtcttctattgacggttataaaaAcctgtcagagagcaatgatt

>ECK125137638\_ygjQp6\_forward\_3236462\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcttgagttcgacacccgactgtggctaacgcagttgtcgcttgggcagaacaaaatctGaaaatgatgtcaggcgttat

>ECK125137703\_yhcFp5\_forward\_3366889\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcctcacactgacaatggctccagcttttaaggatgaaggggaactaaccgacatgacagAtattacaggcaatctgacgg

>ECK125137709\_yhcMp4\_reverse\_3380119\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137818\_yhiMp10\_forward\_3634635\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120009896\_yhjHp\_reverse\_3679229\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

gtgaggaaatttaccccggccaggcggtaaagttctgcccttacgcgccgataatctttgTcgagtccgggcagcatcact

>ECK125137920\_yifBp9\_forward\_3949984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catttactcccagggctgcgcgggtatgaacaattgacagtgacataagccctccttgagTcaccattatgtgcataagat

>ECK125137954\_yihOp3\_reverse\_4065971\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137988\_yjaHp1\_forward\_4200511\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138014\_yjcOp3\_reverse\_4297330\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcctgtaacgagctggttaccgaaaacttaagcccgattacgaaaacgccggagtacaaAtactgcgccgttcgcgtcga

>ECK125109031\_yjdAp1\_forward\_4327079\_[HIPP|W|Human inference of promoter position]\_Weak

aaacaacacactaaatataaaattatttcttgcagtaattataaaagccgaaaacagaacTcaaaaacaatctggctaaat

>ECK125138028\_yjdLp4\_reverse\_4356507\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138057\_yjgAp11\_reverse\_4458046\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcttacgctaatgccggtggtcttgctgacggcaacttccgcaccgtccgatttgcctgAggccaactccagcgcagtgg

>ECK125138054\_yjgAp5\_reverse\_4458081\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgaattcaacattctccacttcaccataacgcgtgcttacgctaatgccggtggtcttGctgacggcaacttccgcacc

>ECK125138086\_yjhUp8\_reverse\_4520540\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcacggtgacgaatcgctggcgatcaaaaaggggcgatattgaaccttcgattatgcttGatgggtgtattctcagtaat

>ECK125109033\_ykfBp1\_reverse\_266158\_[HIPP|W|Human inference of promoter position]\_Weak

ccaggaggtgacggacccgtataccaaagaaaaatactttgagtacgcccatgacggcaaActgatggggcagctactgat

>ECK125109034\_ykfBp2\_reverse\_266227\_[HIPP|W|Human inference of promoter position]\_Weak

tatgcaggaaaaaaccgtccagccactgatgaatgcgctgtgtattgccgataacatcaaActggaataccaggaggtgac

>ECK125136451\_ykgCp8\_reverse\_320088\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcatgatttttgttttgtgattctgattaagaaaaagaaaatatcagacgataagacaaAatatcaagcgttgtgaagaa

>ECK125136737\_ymdAp9\_forward\_1105412\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caacctgaaagtatggataacacaaccctcaaggatgactaatcattgaggaaatagaatAaatgttcagaccttttttaa

>ECK125136821\_ymgEp7\_forward\_1244555\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgtttcaggaactgctcatggtaatgactcacgcggaaaaactcctgactgacaaactgTctttggtttatcggtcacag

>ECK125136954\_yncDp11\_reverse\_1523276\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgcgatgaaaacagatgacgtaaatgcatgacgactccctttgatgaaccgatatttttGctgcttcacaatgcttcgct

>ECK125137079\_ynjFp6\_reverse\_1841611\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcttcgatgcccagttcttcgcgtaactcacgcaccagcgcctgccgctgactttcatccGgctcgactttaccaccggca

>ECK120029595\_ynjHp\_reverse\_1842163\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

ataaccaaatgcgataactcagacgctaaagttttgccacccggctaccgttatcagtagCagagacaataacgttaagga

>ECK125109029\_ynjHp2\_reverse\_1842188\_[HIPP|W|Human inference of promoter position]\_Weak

gcaaattaataacgagagtaatctcataaccaaatgcgataactcagacgctaaagttttGccacccggctaccgttatca

>ECK125137111\_yoaCp7\_reverse\_1894112\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caccaatgaaatccagggctttatctattacagcaggcatattcttatccttaaaattaaCcatgttatcgataaggctat

>ECK125137185\_yodBp14\_forward\_2042261\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacggccaacagagaaagatacctgtgctcacgccattgcttatattggctggttacaatAtgcactatcaattttttaaa

>ECK125137417\_yphBp2\_reverse\_2674795\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttccatatggaaaaatgcgcccatgatctgacggactggaagctgtggccgcgtaacgccAttacccatcgcttctcgctg

>ECK125137520\_yqeIp8\_forward\_2988415\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttacgtaaagttttacgttgcaacattaaagcctcatttcaatcatcatgataaatataAaattaatatatatttatgcc

>ECK125137677\_yraQp4\_reverse\_3298207\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagcatgaaggcgtgacgattttaagctcttcagaattacgcaaaagagctgaataattaTtcccaagaattgatagtgag

>ECK125137765\_yrfFp12\_forward\_3526403\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggttactgtgatgtgcttaatgatgctcaagttaaactccacgcttgccgatagccaaccGcagaatcatgtattgtgtcc

>ECK125138050\_ytfIp11\_forward\_4437617\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagttataaataaaaagagattgtatttaaagtgcaaaaattcaattgctaataagttacAttttaataatgagcgttttt

1. List of 291 samples in $S^{+}(σ^{32})\_{ }$

>ECK125137715\_aaeBp7\_reverse\_3388236\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggcaccactgctacagtggtggtcactggcaaacaagatcgcgacgaaagccaggattcGttcttccgtaaaatggccca

>ECK120010468\_ackAp\_forward\_2413459\_[AIPP|W|Automated inference of promoter position]\_Weak

ggtgtcatcatgcgctacgctctatggctccctgacgtttttttagccacgtatcaattaTaggtacttccatgtcgagta

>ECK125138023\_adiCp7\_reverse\_4337202\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acagtacgtcgtactttatttctgtctttaaagacttctacggtatgacgccgctgcattAtgttagtcagcacagagaac

>ECK125137333\_alaAp9\_forward\_2407408\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagaatcagaacaattcactatataacattgcatgtaaagcatatacacctcattattttGtcattattaagttattaaca

>ECK125138020\_alsEp3\_reverse\_4308667\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgcagaaccgcttgccggtatgggttttgaaacctatgccattgccagcgccatcattgGcggcaccagtttcttcggcg

>ECK125138018\_alsKp1\_reverse\_4307995\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccggacaaccgttcattcctgaaatgctggataaacttgccgaactgaaggcatggcgtGaacgagaaggtctggagtac

>ECK125136490\_ampGp4\_reverse\_453686\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaccaaaaactatcgtgccagctacaacgttgaaggtgcgttccaggcctccaacaaaaAtatcgccgatgcggttaaca

>ECK125137163\_araHp7\_reverse\_1983560\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagcaggcagatgagcgtcaggcactgagccttgcgatgcctaaagtcagccaggctgttGcctgagtaaggagagtatga

>ECK125136917\_azoRp8\_reverse\_1482991\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggcagtagtctgcctgattaattttcttttaaatgatagatatagagtaccacatcgcgGctttctatgcgttgttcaat

>ECK125136458\_betAp5\_reverse\_327261\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagttacacccaggtgaagtccatccaggttgagatggctaaattccagtccatattctaAccaggaggtttatttgcaat

>ECK120016342\_bssSp1\_reverse\_1121058\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

gctgttttattgttcatataaatcttaaaagcagaaatttatctgtttccccctttaaaaAttcggtgaatacccttactt

>ECK120016343\_bssSp2\_reverse\_1121032\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

aaaagcagaaatttatctgtttccccctttaaaaattcggtgaatacccttacttattggTatactgaagttgcttcagat

>ECK125136356\_caiEp5\_reverse\_35440\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcgtatcgctatattcgcagcggcgtgttgaaacactatccatcggttctgcattcggaAgatgccattgaagggccgct

>ECK120033609\_canp\_reverse\_142703\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttacgttcttacactttatctgtggtttaaatcgtcccggagttgccctatattagccaaAcgtaattatttggttacagg

>ECK125137903\_cbrAp6\_forward\_3869314\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggagcaaaggttatctgtttcatggcgcggtcctgatacaaaacgggtcccgccatcataCttcacaaggacttcactttc

>ECK125137155\_cheWp5\_reverse\_1973462\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaacaccaggttgtggttaaaaaccttgaaagtaactatcgcaaagtccccggcatttcTgctgcgaccattcttggcga

>ECK125137206\_cldp7\_reverse\_2098413\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acccgcgatctctttggcagcgactaacatcttgttatcagggctatttacgccctgattGtcttttgttacttacacaac

>ECK120010365\_clpBp\_reverse\_2734205\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

ttttcacattaatctggtcaataaccttgaataattgagggatgacctcatttaatctccAgtagcaactttgatccgtta

>ECK120033634\_clpPp3\_forward\_456605\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

gcgtaacaacaaaagattgttatgcttgaaatatggtgatgccgtacccataacacagggActagctgataatccgtccat

>ECK125136791\_cohEp10\_reverse\_1203088\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccagcacaaaactggcttttttatagccattgaaaaccagccgtaagtagccaggtgttGagccaacttttccggccaac

>ECK120033625\_creAp2\_forward\_4635243\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttaaacattctctgtaagtgccacttggaataacctgctttcgccgctacattgtcgagcGacaggggctgatccagatga

>ECK125136792\_croEp4\_forward\_1202883\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctggtctgggttggctcgcgatcaatcatagtggcaaaggaagaattcccgccaacaccAtctctcagttttctggcgtt

>ECK125137461\_csiRp5\_forward\_2795643\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgtgccaattatggctcgctggaaaaagctggtattgtggcaaaaaacacccgttcataAtacgcgctgatcatgatcag

>ECK125136715\_cspHp12\_reverse\_1051284\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagtaaactactttgtatgctgtctgtctttcaaaccgacgcagctattaacgcatgataAttgagattaagcaaatttta

>ECK125136712\_cspHp8\_reverse\_1051205\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattttagccgtccggcggtcttaaatatcgctggctttattttattaaccccgtatagtGcagcgcagtattttcagtaa

>ECK125137476\_cysCp3\_reverse\_2874028\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccatctgaattcagtgcattcgaactggaattgaatgctctggttcgtcgccactttccGcactggggcgcgcgcgattt

>ECK125136989\_dcpp3\_reverse\_1627422\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catagcacgggatgcttaagagcgggtaatactggattgcaagattgcactccgttatcaGtaagcctacgctatggaaca

>ECK125137805\_dcrBp6\_forward\_3609930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaggcgagttaaaggttcgttatcagagttgtgataagatggatgaatgagccgttatgGccgtttatcgaaaggaagaa

>ECK125137340\_dedAp2\_reverse\_2434940\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaagtcggtgcccacaaccagccggagagctggatagcagagttgctggcggcaaaggacAgaacgctggcggcagcaacg

>ECK125137338\_dedDp2\_reverse\_2431868\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccggaactctggcctggttgaaaagcgtggttgatgactggtattgtgcgccactggaaGggccgcgcggtgccacggca

>ECK120010272\_dnaKp1\_forward\_12048\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

gcacaaaaaatttttgcatctcccccttgatgacgtggtttacgaccccatttagtagtcAaccgcagtgagtgagtctgc

>ECK120010273\_dnaKp2\_forward\_12123\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

gtctgcaaaaaaatgaaattgggcagttgaaaccagacgtttcgcccctattacagactcAcaaccacatgatgaccgaat

>ECK120010510\_dnaKp3\_forward\_12144\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ggcagttgaaaccagacgtttcgcccctattacagactcacaaccacatgatgaccgaatAtatagtggagacgtttagat

>ECK125136967\_dosPp3\_reverse\_1565743\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagacgaggtagaaaccgtgttgaactctggaaagccagtctttagatgcgccaggatgcAgaggtaatcatgaagctaac

>ECK125138003\_dusAp9\_forward\_4261600\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttcttttgcaatgagacaggcgcttcctgttgttatggtatagtaccccgctattgagCctcctgaatagtgatgctga

>ECK125136553\_entDp1\_reverse\_610254\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgtatacctataacgagccgggacgtacgtggtatatgagcgtaaacacccacttctgAtgctaacgtcagattgttga

>ECK120010971\_exuRp\_forward\_3246508\_[AIPP|W|Automated inference of promoter position]\_Weak

tggaccgtgttgcagaacaaaccggcgattgaggtggcgcaggaaacacataacgatcccGcaccgcaacattaacgtttc

>ECK125138080\_fecEp3\_reverse\_4511530\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggtgcgttgctgttggtggttgccgatctgctggcgagaattattcatcccccactggaGctcccggttggcgtgctgac

>ECK125138081\_fecEp4\_reverse\_4511644\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taccggcgtggccgcctgcggcccgattagctttattggtctcgtggtgccgcatatgatGcgtagcatcaccggtggacg

>ECK125137755\_frlAp17\_forward\_3499759\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttgcccccgcccgtaaaaatattttcactttaaattcaatttgataactacatccattAgccacagcgcgatcctgtgc

>ECK125136364\_fruRp8\_forward\_87947\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgttgggctttttttgcgaaatcagtgggaacctggaataaaagcagttgccgcagttaaTtttctgcgcttagatgttaa

>ECK125136656\_fsaAp6\_forward\_863530\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggggccatcatgggtcgagtagcgctgaatattgaaaatcatagttgcctctctatttcgTtcaagcattaaaatactttc

>ECK125136507\_fsrp8\_reverse\_504767\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcatccagattagaaattctgtattcggcgttgagacttccttcagacgacgcatacagGtatgttagtctggtaataat

>ECK125136508\_fsrp9\_reverse\_504855\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atacttctctccctgacctgatttcaacgtgttgaaaaatagtatgacgcgacatcatagAcaagtctgcgtccggtgaag

>ECK125137595\_ftsPp2\_reverse\_3162866\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attaatcttaatcgactgcacaacggtctggtgattgtcgaaatgctgccgccaattgacGtcagtcagtatggcaaagat

>ECK120009900\_fxsAp\_forward\_4368603\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

ctaccaaaaatagttgcgcaaacatcttgaaattttgctaatgaccacaatataagctaaAcgcgattcgcaacccattca

>ECK120010335\_gapAp2\_forward\_1862618\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

atcacatttttatcgtaattgccctttaaaattcggggcgccgaccccatgtggtctcaaGcccaaaggaagagtgaggcg

>ECK125137979\_gldAp4\_reverse\_4139046\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcagctatagagaagttcgaacacgactggaatgccgcatttggcactactcatctctaAaggagcaattatggaccgca

>ECK125137778\_glgPp1\_reverse\_3566773\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttgctgatacggtttctgactgttctcttgagaaccttgcagatggcgtcgccagtgggTttgtctttgaagatagtaat

>ECK125137619\_glnEp5\_reverse\_3199753\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tactatgatcctgtcgtcgcgcaagcctggctggagaactggcaggggctgcatcacgctAttgcgaccgggcaacgcatc

>ECK120033614\_glnSp2\_forward\_705999\_[IDA|S|Inferred from direct assay]\_Strong

aagcggtggagatcttctctgccgctttttttttcatcaatcatccccataatccttgttAgattatcaattttaaaaaac

>ECK125137780\_gntUp2\_reverse\_3577085\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatgtactggtggtggatatcgatcaaccgctggaaggtgttgtggcaagcaccattgagGttattaaaaaaggcaaataa

>ECK125137771\_greBp7\_forward\_3536780\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatttattcggcgaaacattattgattctgttgatatgatcacgttatacccaatgtgcGcattatcaaacagacaaagg

>ECK120010058\_groSp\_forward\_4370616\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

cagaattttttttctttttcccccttgaaggggcgaagcctcatccccatttctctggtcAccagccgggaaaccacgtaa

>ECK120010367\_grpEp\_reverse\_2750747\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

gattgatgacaatgtgagtgcttcccttgaaaccctgaaactgatccccataataagcgaAgttagcgagatgaatgcgaa

>ECK125137415\_hcaTp6\_reverse\_2667928\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacatgcgtcgcggatctcagttttttagtgcttgtgaactggcgttacagacatcgggaAgcaggctcgaatattcttat

>ECK125137416\_hcaTp7\_reverse\_2668053\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgccttccattgctttactgatggcgtggaagaaaggggagatgaagccggcattacgcGatttcatcgccattgtgcag

>ECK120033631\_hepAp2\_reverse\_63588\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

agaaaaccaaaagcgtggtcgccccttgcaatatcagaatcgcggcaccattaagtacgtAtggaccaccaacggcccgga

>ECK120033624\_holCp\_reverse\_4484273\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

cgctgcggtgtatacctgatgcgtatttaaatccaccacaagaagccccatttatgaaaaAcgcgacgttctaccttctgg

>ECK125136593\_hscCp7\_reverse\_683594\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttacctctgttgagcgctgggttggcgtggaaacacaggggaaatatacccagggtatGacggttgttgattattatta

>ECK120033627\_hslRp\_forward\_3529110\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gagcataccggtctggacgcacaccttgatttattactttccacccacacatttggttatCcgaaagaggatcagcggtta

>ECK120010429\_hslVp\_reverse\_4122354\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

atacaaactgcattcggctcgccgccgggggttgaaaccctcaaaatcccccccatctatAattgcattatgccccgtact

>ECK120010500\_htgAp1\_forward\_10644\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtggggcagtgtctacgatcttttgaggggaaaatgaaaattttccccggtttccggtatCagacctgagtggcgctaacc

>ECK120010296\_htpGp1\_forward\_495075\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

acgagagcaggatcacctgctctcgcttgaaattattctcccttgtccccatctctcccaCatcctgtttttaaccttaaa

>ECK120010336\_htpXp\_reverse\_1912618\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

tctggtgacttacgcactatccagacttgaaaatagtcgcgtaacccatacgatgtgggtAtcgcatattgcgttttgtta

>ECK125137478\_iapp7\_forward\_2876536\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggcaccggatttcgggcgtttaggaagatttgaaattgttttagcgcagcggcagtttcAtactatggcggtaaaaaaat

>ECK120010456\_ibpAp\_reverse\_3867518\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

tgcaaaaaaaagtccgctgataaggcttgaaaagttcatttccagacccatttttacatcGtagccgatgaggacgcgcct

>ECK125137543\_idip10\_forward\_3032970\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtcgcttcaaatatatgatgctacttttttaaatggtttttacctgtcggcatccgctcAaaacgggcggttgtcgataa

>ECK120033608\_ileSp3\_forward\_22229\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cagctggaagtgcatttgttagatgttgcaatggacctttacggtcgccatatacaagtaGtgctgcgtaaaaaaatacgc

>ECK125136728\_insFp5\_reverse\_1095155\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgccagctggcagaacgggatgaagagctggctatcctccaaaaggccgcgacatacttcGcgaagcgcctgaaatgaagt

>ECK125136904\_insHp3\_reverse\_1428926\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatcagaacttataaccgacacccacgatgaaaccgtcagtgcgccagtcgccactgccgGggccttcataagcaatatca

>ECK125136407\_ivyp5\_forward\_240329\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taacaaatgctgatattggaaatatctgatttgcaaattatcgtgttatcgccaggctttAggaggttaataacatgggca

>ECK125136358\_kefFp2\_forward\_47080\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgggggcgggtatctcgctgtttggcttgttgatttccgtagcgtttgccccggagactcGagggatgtcactggcgcaga

>ECK120033622\_lapAp1\_forward\_1340135\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

aacgagaacaagaaagttaacgctggttgattttccgaatttagcccttaaatcatcaacAatgcgtgtggatgccatttc

>ECK120016344\_ldhAp\_reverse\_1442915\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

gaaggttgcgcctacactaagcatagttgttgatgaatttttcaatatcgccatagctttCaattaaatttgaaattttgt

>ECK125137885\_ligBp4\_reverse\_3821288\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttgctcacactttttgcgcaaagttgttgcgttttgcgtagctgcttccgcatttgcctGtcattcactgcaataaagac

>ECK120010455\_lonp\_forward\_458815\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

taatttttcctctattctcggcgttgaatgtgggggaaacatccccatatactgacgtacAtgttaatagatggcgtgaag

>ECK125138121\_lplAp2\_reverse\_4624238\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttacgcctgatgttgctgctctcactggcaatcggtgtagtgctgacccgcacgctgctAcagggtaaacgcacccgctg

>ECK125137505\_lplTp3\_reverse\_2973939\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtatgcccgcgagcacggcgtgccggagcttgctgtaccgcgcgatattcgctatctgaaAcagatgccattacttggcag

>ECK120016340\_macBp1\_forward\_920094\_[AIPP|W|Automated inference of promoter position]\_Weak

aaaaggttaacgacgctattttctattacgcccgttttgaagtccccaaccccaatggttTgctgcggctggatatgactg

>ECK120016341\_macBp2\_forward\_920337\_[AIPP|W|Automated inference of promoter position]\_Weak

ttgagattgtcaaagggcttgaagcgggcgatgaagtggtgattggtgaggccaaaccagGagctgcacaatgacgccttt

>ECK125136966\_maeAp4\_reverse\_1555727\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcctgcgcaatggtgtttttgtttttatctgctttatacttgaggccgacgccctggcgGtaaagcaaagacgataaaag

>ECK125136953\_mcbRp3\_forward\_1520096\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtgatccgcgtggcgggtgatgattaaagtttcaacggcggcgtaagccgccataaaaAtccaggcaaaaagcttattt

>ECK120010136\_metAp1\_forward\_4214233\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aactttctcaccttcaacatgcaggctcgacattggcaaattttctggttatcttcagctAtctggatgtctaaacgtata

>ECK125137260\_mglCp5\_reverse\_2237858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggattattattatctcctctgaaatgcctgagttgttagggataacagaccgtattctgGtcatgagcaatggtctcgtt

>ECK125095205\_mhpTp\_forward\_375386\_[AIPP|W|Automated inference of promoter position]\_Weak

acacgactgccggatgcgataaacgtcttgtccggcctacatttcgcccgtaggcagtcaTtaaatagttctgattacgcg

>ECK120033729\_miaAp2\_forward\_4398982\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

agtctgccctggcggaattgggtattgatttccagtcagatgcacagcatgtgaccatcaGggcagtgcctttacccttac

>ECK125137249\_mlrAp9\_forward\_2214785\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagaattcgtgagtacgatcactcaaaatcgcctggcaaaaataaaatcaccctatagatGcacaaaaaacgggcaaaact

>ECK125136420\_mmuPp6\_forward\_275206\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttccggaggcgttatgagctggcggccctttttgtatctgattattaatccccacccgctAttaagcgcccggcgcgggca

>ECK120010025\_mngAp\_forward\_765811\_[HIPP|W|Human inference of promoter position],[IC|W|Inferred by curator]\_Weak

ctgacgccaaactctgtttgtagcgctgattcagtgggtaacgcatcgccaggtttaagcTcgccacgcgcaatttgttca

>ECK125136875\_mpaAp4\_reverse\_1390639\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagtgatacaagatcgatgacatagcgttgaagaaaaggatttgataatccgcaaaatttGcacaacactgcctgtaatac

>ECK125136878\_mppAp4\_forward\_1393204\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttttgatggaagttgtttgcatttctttaaggcgaaacaaataattacgcatcaatttTaatgtcggttagagggaaac

>ECK120033727\_mutLp2\_forward\_4397046\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ctgctgggtggggcgggtgatgtgctggcgaacagtcagtctgacccctatttaagccagGcggtgctggatttacagttc

>ECK120010082\_mutMp\_reverse\_3811175\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

taacaaaaaacctcgctccggcggggttttttgttatctgcttgcccccatattgactgcAtctgttcattcctggagatg

>ECK120016345\_mutMp2\_reverse\_3811277\_[AIPP|W|Automated inference of promoter position]\_Weak

acgtactaagccggaaaaactggaactgaaaaaattcgatccagttgttcgccagcacgtGatctacaaagaagcgaaaat

>ECK120033612\_narPp\_forward\_2290422\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

atgatgccaaagcgaacgacaaggttgtagttttcactacatgtccatacataaaatgggGtaacattcacgcgcctggta

>ECK120033626\_nfuAp2\_forward\_3545458\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgcaacctgaaaaatgcctttcgtcttgaattgcccgtgcaaggtcgccatatggtgattGtggatgatgtcgttaccacc

>ECK125136932\_opgDp8\_forward\_1496655\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggaagaacgcagtaaacgtcgctgtggtttgctttaaaatctgaccatccgcctttgcaaAaatttgcctgattttacaaa

>ECK125136757\_pabCp8\_forward\_1153093\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaccatcaacctggataacccggatgaaggttgcgatctggatttcgtaccgcacgaagcGcgtcaggttagcggaatgga

>ECK125137407\_pbpCp2\_reverse\_2647368\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccgggaacgtatcaggtaccgcaaccgatggtggaatcaatgtatgttccccaatggcgGgcgaccggcgcggctgaaga

>ECK125137980\_pflDp2\_forward\_4143880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcggcatcaagtttgaagagcgttttgctggcaagaccatcgtgcgcgtcaacatcagcgAtgcagtaaaacgtgctgacg

>ECK125136627\_pglp2\_forward\_798539\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caccgataccactatcggacaaaattctgcgttttaattcagcattcaccgccaaaagcgActaattttagctgttacagt

>ECK125095209\_pgpCp\_reverse\_2698638\_[AIPP|W|Automated inference of promoter position]\_Weak

tttatattccattgccgctaattgccatgaattaaaaattccagttagccatgatgcggtCgattgttgccggaaaagtga

>ECK120033615\_phoPp3\_reverse\_1190491\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

tttttcactttacctcccctccccgctggtttatttaatgtttacccccataaccacataAtcgcgttacactattttaat

>ECK125137933\_pldBp6\_forward\_4009014\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaccgtggttgagcgaggtggtcatagtgttgattgcaccagagcctggcgacaggcttaAaatgatcgatgtcagcaggt

>ECK120033613\_pncCp\_reverse\_2824394\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taatcagcttttttctgaatcctcctcgtaaaattgcaacgccaacaccatcttcctgacGaaagtgctatcttgtccggc

>ECK125137015\_pntBp6\_reverse\_1676548\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctggcctgcgttgtcggttattacgtggtgtggaatgtatcgcacgcgctgcatacaccGttgatgtcggtcaccaacgc

>ECK120009968\_pphAp\_reverse\_1923385\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

attcagattgatgatcctaacaatcccggcgaaaaaatgagtctggcaccgtttatagaaCgagctgaaaaactctgttaa

>ECK120010557\_ppiDp1\_forward\_461838\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cttttttatttgtattcggtgactttctgcgtcttgtgggctgacaattgcccccgtttcTtgtcacaataggcctttgcg

>ECK125138117\_prfCp2\_forward\_4609344\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcgttgcacgaactggagcagctcctgtgtaaacactgattgcctcccccccgttgatgGgtaaaatagccgcaattttt

>ECK120033618\_prlCp\_reverse\_3645238\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

cgccgcgaaagcgtaacgtttctcattgaaattcactacacttaaccccatgctacacacAttatgtaaagcgcctgttga

>ECK125136414\_proBp11\_forward\_260303\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaaagcgtaaacaactgccgctaggcttgctgatcccgcgcaacaaaacgccatgctttGctcgcagatggttggcaacc

>ECK125137138\_purTp5\_forward\_1930719\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgtcataagcatcggcttcctttttgctggtaaacgacattttctcttcgccctcacgaAtgactacgtatttaacttca

>ECK125137883\_pyrEp4\_reverse\_3815985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgaagcggtttgcgatctggaatacgttgaagactctgccgcagagaccgacatgaacGtagtgatgaccgaagacggg

>ECK125136541\_quuDp3\_forward\_573774\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgaaatggggaatgaatgatgtttgagtttaatatggcagaacttcttcgccaccgctgGgggcgtctgcgcttatatcg

>ECK120033709\_raiAp\_forward\_2737104\_[IDA|S|Inferred from direct assay],[IEP|W|Inferred from expression pattern]\_Strong

aaaagattcgttgacaaaaagtgacaaaattatgagattttcatcacacattttgacatcAggaacggtatgctgaattca

>ECK125137927\_rarDp4\_reverse\_4004241\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcccgcgttgaattacacaatgaagaacagctttatattgccagtgccaccgccacctatAtggtaggttgaagacataaa

>ECK125137928\_rarDp5\_reverse\_4004297\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgagcgttttactgctactagtagcctgttgcgtgcaggcaataaagtcgccgtcgcccGcgttgaattacacaatgaag

>ECK120033635\_rdgBp\_forward\_3096620\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgggttgccaaaagccaggtggtgattgaaaaaggcgaacttggccgccacaaacaaattAaaatcattaatccgcaacaa

>ECK120010457\_rfaDp3\_forward\_3793865\_[TIM|S|Transcription initiation mapping]\_Strong

gcactattcacatgcaaaaccaacatccgccatgaaggactagctaaaacccaaactagtTtgttgcaattagcatccttg

>ECK125137218\_rfbXp5\_reverse\_2109676\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acaaactattatcatcctgaaagcgattgtggaatatgttggaatgatgaacgcattgcaAttgattggccccaaacatca

>ECK125137214\_rfcp7\_reverse\_2107394\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacggttgttacaaaagaatatccattagagtggaaagttggcgacgaaccctactatccAgttaatgataataaaaacat

>ECK125136604\_rhsCp3\_forward\_729379\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcaactggtgatttttattgattgctgagttttgaatacattgaaaaccgccagcggaaAcgctggcggttttttgtatc

>ECK120033610\_ribEp\_forward\_434504\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ccgcggattatgcacgctgccagggcttgagaaattagccgacgccccccaatttaaattCaaagagatacgtcatgtagg

>ECK120010388\_rlmEp2\_reverse\_3327731\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

atcgtattttttgcttacgttgggattgaaaacgggtcattctaccgccatctcccatatAtcaccaaataggcgcgtaaa

>ECK125136576\_rlpAp5\_reverse\_665222\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgctaattgtgctgatggctgggttcgggattgtaatgtcaatccacacccacaggaaAatgttgtcgaaaagcgtgta

>ECK120033628\_rnlAp\_forward\_2765906\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position]\_Strong

tttagcaaatcaatacacttcaggggggtattattgtagagtttccccatatgtttctatGggatccaggaaatgacaatc

>ECK120033713\_rpmEp\_forward\_4126908\_[IDA|S|Inferred from direct assay],[HTTIM|S|High-throughput transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

cacattgccgtagaagagtgcggatcagtttgcatacgctggttaatttctgtatgatttCgcgccttcgtacgaaatgat

>ECK120010384\_rpoDp3\_forward\_3212688\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[IEP|W|Inferred from expression pattern]\_Strong

cgtggtacaaataatgctgccacccttgaaaaactgtcgatgtgggacgatatagcagatAagaatattgctgagcaaacc

>ECK120009864\_rrsAp1\_forward\_4035239\_[HIPP|W|Human inference of promoter position]\_Weak

cagaaaattattttaaatttcctcttgtcaggccggaataactccctataatgcgccaccActgacacggaacaacggcaa

>ECK120009872\_rrsDp1\_reverse\_3429047\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagaaaaaaagatcaaaaaaatacttgtgcaaaaaattgggatccctataatgcgcctccGttgagacgacaacgtgaaac

>ECK120009867\_rrsEp\_forward\_4207863\_[HIPP|W|Human inference of promoter position]\_Weak

agtcatttttctgcaatttttctattgcggcctgcggagaactccctataatgcgcctccAtcgacacggcggatgtgaat

>ECK120009870\_rrsHp1\_forward\_223485\_[HIPP|W|Human inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tgaaataaaaatgcatttttccgcttgtcttcctgagccgactccctataatgcgcctccAtcgacacggcggatgtgaat

>ECK125137739\_rsmBp4\_forward\_3434991\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaattgaaggacagccggttaaagtctggaaagcatcggtcattgatacggcaaccaacGctgcaccaggaacgatcctt

>ECK125137674\_rsmIp8\_reverse\_3293553\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacgaatggcgagtaattgccagttgatcctggtatcatcagagctttgctgcatctgctGaagataaaaggcagaatcag

>ECK125137283\_rsuAp3\_reverse\_2280548\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgctaatagtatgccatggatctttttcccttgagggatgttattagaccgctatactggGcagacaacagttcagatttt

>ECK125137144\_ruvBp1\_reverse\_1945366\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137146\_ruvBp4\_reverse\_1945544\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137408\_ryfAp11\_forward\_2653699\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatattacttaaacatgtaaattcactttcctttaaaaaacaaaaaaccgccaaaatcaGgcggttttttgttgctggtc

>ECK125137259\_sanAp3\_forward\_2232684\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttctggcagaaaaagccgatgcgccgttgattcagtgggatgccacctccgcaacgctgAaagctctcggctgtcacagt

>ECK120011047\_sdaAp\_forward\_1896809\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ctatacttatctttacatctacaaaacactacttgagacaatcatcgcaatattagttaaAtcgcggtttttgattagttt

>ECK125138123\_sltp7\_forward\_4630700\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtaacgtggcgtaaacggcaatgactggttagcataaatctattacgcggcatgacgctGcattgatgtatttacactta

>ECK125137744\_slyXp4\_forward\_3477431\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137343\_smrBp4\_forward\_2448568\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcattcacgcgcggtgagtgaggaaaaatacgtttaaaacgatcgattgcgctacgagtcGggtaaactgtaggaaaatta

>ECK125137490\_sydp2\_reverse\_2925369\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggcgtcataggtatcccggtaatcggttgattttccaagagtcaggcccgcaagtgcctGatggtttgcataagaagaca

>ECK125136992\_tfaQp6\_reverse\_1634956\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcggtattggtgctcatacgcactccgttgcgattggttcacatggacacaccatcaccGttaacgctgctggtaacgcg

>ECK125137721\_tldDp6\_reverse\_3392075\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaggcctacaaaccggaacataaccgtaggctggatagggcgttcacgccgcatccggcAgccgtaaaaaatcctctact

>ECK125136615\_tolBp3\_forward\_777560\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctttgtcaggctgcgttggcagcagctaaacttgcgaagatcccgaaaccaccaagccagGcagtatatgaagtgttcaaa

>ECK120010491\_topAp1\_forward\_1330980\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position]\_Strong

tcgtgaacagagtcacgacaaggggttgatatccgcagagagcgagtccatatcggtaacTcgttgccagtggaaggttta

>ECK120010437\_trmAp\_reverse\_4163295\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctcacaaataggaattcatcaagatctggacatctgatgagcaatccctacaatcgccgcGtactttaatttttcaggata

>ECK125136850\_trpAp7\_reverse\_1317339\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgcctgcacgaagggatcatcccggcgctggaatcctcccacgccctggcccatgcgttGaaaatgatgcgcgaaaaccc

>ECK125137743\_tusBp7\_reverse\_3475109\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagtgctggcgcgtgattacattgccacttttaaattgttgggtctgtacgacattgaacAgtgctgggtttgtgcggctt

>ECK120033633\_xerDp\_reverse\_3039851\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position]\_Strong

ttctgccgccatttcggtgtaacaggtgctggaaccgtaaaaaagacccatattcataacGtaagcttctcgattctgctg

>ECK125136348\_yaaWp3\_reverse\_11542\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgatttacagttaagcggtgcatcggtttatttcaaagccgcccgtagcgccagtcagaGcctgaatattccttcagaaa

>ECK125136371\_yadDp4\_forward\_146959\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggtggctgacgatagcgcgccttgactggatactgccttcacgcaaagccacacggaagAcagggaagatggatgcaccg

>ECK125136398\_yafCp6\_reverse\_231083\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggcataggtgttttttcgcacttttgactttgaaacctctattacgtcaacccttccgcActcgggagggttctactgtt

>ECK120033632\_yafDp\_forward\_231064\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

gcacttgcttacataacaatatacaattgctcgttgaaagagtgagctaaaatccctataAcagtagaaccctcccgagtg

>ECK125136426\_yagGp8\_forward\_285353\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136432\_yagNp4\_reverse\_295671\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtattaccataaaaaacaacgttgatatgcgttgattccattaaaaatcaacatattacAaaatatcatcaactattgat

>ECK125136463\_yahNp5\_reverse\_346435\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gattattttcatattacggctccagagttgttatcacactatcacccacccacattattgGgttgattaataattagttca

>ECK125136466\_yaiOp5\_reverse\_380973\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatcgctaccggatgcgataaattaggttgttatatcgggcagcgttcacgccttggcgtAcaagttattattttgcctgg

>ECK125136469\_yaiSp9\_reverse\_384708\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacccagtcgaacccacgggtctgaaagcccttgcttttcagttattagcaacatttaacAtttataaattaacatctggc

>ECK125136486\_yajDp6\_forward\_430469\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcgcgaacacatgttgcagcagaaagtggaaaaagaaggggcggatcagccgtcaattcTgccgtaatcaagttcccgtt

>ECK125136488\_yajLp2\_reverse\_443748\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgccacagcggaaaatatctcgtcgatgttgcaggatatccgcgcgctgcgccacactgaAatcgactatatcaatggttt

>ECK120016346\_ybbNp1\_reverse\_518490\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

caaccagacgcaaagtgataaaccagtcgaaaatcccggcatcgccgcccgctttacgttGggaccggaagcggtggtgga

>ECK120016347\_ybbNp2\_reverse\_518568\_[AIPP|W|Automated inference of promoter position]\_Weak

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>ECK125136526\_ybcJp5\_reverse\_557006\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgtgattgatgtcggcatcaaccgtctggaaaatggcaaagttgtgggcgacgtcgtgTttgaagacgcggctaaacgc

>ECK125136540\_ybcNp6\_forward\_572314\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgttttaagaaggagcaattctatcgattttgattttgggaaatcaacacggcataattAtgtcaccggagcctgaacaa

>ECK125136548\_ybdJp3\_reverse\_606411\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033619\_ybeDp\_reverse\_662706\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

cactggtttggttaaaaattaaacacttgaaagtgtaatttccgtccccatatactaagcAtcagtaaaaaactcccgcct

>ECK125136570\_ybeFp6\_reverse\_661510\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136583\_ybeQp10\_reverse\_676624\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136591\_ybeUp5\_forward\_679465\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033620\_ybeZp\_reverse\_693469\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

tctcaggcctgccgttccggtgggccttgttttttctctctttatccccatctttattgcAatgcttgcgcctttttcctg

>ECK120035106\_ybfEp\_reverse\_711939\_[AIPP|W|Automated inference of promoter position]\_Weak

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>ECK125136614\_ybgCp6\_forward\_774644\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136612\_ybgEp4\_forward\_774150\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136623\_ybgSp8\_reverse\_785496\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136637\_ybiAp6\_reverse\_832960\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136646\_ybiPp5\_reverse\_852626\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136668\_ybjEp5\_reverse\_915077\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136689\_ycaIp6\_forward\_964105\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136682\_ycaKp4\_forward\_949574\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136703\_yccSp3\_reverse\_1023976\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136731\_ycdUp11\_forward\_1095759\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136753\_yceFp8\_reverse\_1146607\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033621\_yceJp\_reverse\_1119071\_[IDA|S|Inferred from direct assay],[AIPP|W|Automated inference of promoter position]\_Strong

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>ECK125136770\_ycfZp5\_reverse\_1181380\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136771\_ycfZp6\_reverse\_1181346\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136843\_yciAp8\_reverse\_1312414\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136847\_yciEp7\_reverse\_1315321\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136853\_yciNp8\_reverse\_1330702\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagttgccagtaaggcgctcttgccaccagcgtggtatatttgtctgcaagccatgcctgGcgtagactaatgtccttgtt

>ECK120033623\_ycjXp\_forward\_1384069\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

tcgccggtcgatgacaacacgggcagttgataatcaatggcctggcccccacattcatatCcttacgaatgattttttttc

>ECK125136876\_ycjYp6\_reverse\_1392072\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136877\_ycjZp7\_forward\_1391872\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136894\_ydaSp3\_forward\_1420170\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136949\_ydcXp9\_forward\_1517354\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136958\_yddEp5\_reverse\_1535869\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137001\_ydfAp6\_forward\_1648457\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137013\_ydgDp4\_forward\_1671953\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137016\_ydgHp5\_forward\_1678377\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033611\_ydhQp\_reverse\_1746202\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

acaacccaataattcgtgtatcagagtttaaacagagttgtttgccaccatctcaaatctGtcgtggataaatcctccgta

>ECK125137052\_ydiHp2\_reverse\_1765291\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaagggcgggtgcgcggcgtatgcaaaccgttgcatctcggttcgcgtcaccaggtctgGcagattgaaatcttcgatga

>ECK125137070\_ydjOp4\_reverse\_1813348\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137078\_ydjXp5\_forward\_1833217\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137103\_yeaQp3\_reverse\_1879360\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137171\_yecCp3\_reverse\_1997823\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137173\_yedEp8\_forward\_2008155\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137183\_yedYp4\_forward\_2039286\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137189\_yeeJp8\_forward\_2044763\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137232\_yegSp5\_forward\_2168558\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137265\_yeiEp5\_reverse\_2249711\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137276\_yeiQp5\_forward\_2266164\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137303\_yfaEp2\_forward\_2348338\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137320\_yfbLp3\_forward\_2385760\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137334\_yfbRp3\_forward\_2408831\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137349\_yfdFp4\_forward\_2462802\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137355\_yfdPp5\_forward\_2473422\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137376\_yfeHp3\_forward\_2526933\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137386\_yffOp8\_forward\_2561902\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137438\_yfiRp7\_forward\_2741677\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137451\_yfjIp10\_forward\_2758928\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137456\_yfjPp8\_forward\_2767540\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137458\_yfjXp2\_forward\_2775888\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033616\_ygbFp\_reverse\_2878915\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gcttatagaggacgtgcttgccgctggagaaatacaaccgccggccccacctgaagatgcAcagcctgttgccattccgct

>ECK125137470\_ygbLp4\_forward\_2863569\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137471\_ygbLp5\_forward\_2863537\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137494\_ygdIp10\_reverse\_2943263\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137493\_ygdIp7\_reverse\_2943229\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137530\_ygeWp5\_forward\_3006118\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137552\_yggIp5\_forward\_3089749\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137566\_yghDp4\_reverse\_3111307\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137570\_yghJp7\_reverse\_3119266\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137576\_yghQp7\_reverse\_3132525\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137578\_yghTp4\_forward\_3133977\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137601\_ygiVp3\_reverse\_3169291\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137602\_ygiWp5\_reverse\_3169887\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137635\_ygjQp3\_forward\_3236399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137655\_yhaKp3\_forward\_3254291\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137700\_yhcAp11\_forward\_3361978\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137704\_yhcHp2\_reverse\_3369562\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137713\_yhcOp3\_reverse\_3386303\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137727\_yhdJp2\_forward\_3411617\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120033617\_yhdNp\_reverse\_3439546\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

acgtaaaaaaacccgccccggcgggtttttttatacccgtagtatccccacttatctacaAtagctgtactctttttgttc

>ECK125137735\_yhdVp9\_forward\_3418196\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137774\_yhgAp6\_forward\_3543147\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137788\_yhhAp6\_forward\_3586729\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137815\_yhhJp3\_reverse\_3626848\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137781\_yhhXp4\_reverse\_3580859\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137837\_yhjVp3\_forward\_3700398\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137900\_yidFp5\_reverse\_3855790\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137945\_yihAp9\_reverse\_4050985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137960\_yihVp6\_forward\_4073532\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137983\_yijOp5\_reverse\_4148429\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010496\_yjaZp\_forward\_4189753\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agatgactaatatcctgaaactgactgaactaattgagtcaaactcggcaaggattcgatActattcctgtgtaactttct

>ECK125138006\_yjcDp7\_forward\_4278314\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138015\_yjcOp4\_reverse\_4297134\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138016\_yjcOp5\_reverse\_4297222\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138030\_yjeJp7\_reverse\_4374369\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138037\_yjfPp4\_forward\_4416756\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138041\_yjfZp7\_reverse\_4427526\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138070\_yjgBp8\_reverse\_4496349\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138075\_yjhBp2\_forward\_4504020\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138103\_yjiAp6\_reverse\_4588995\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaaaatatctcggccaggcggcgaagatgttgattggcattccagactacgacaactacGtcgagcatatgaagaccaac

>ECK125138097\_yjiLp2\_reverse\_4564793\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggcgtgccatacctacgcggtggaatcgctggcgattaaacgtcatgtgcgccagcagcAcaacattccttatatcgcta

>ECK125136457\_ykgEp10\_forward\_321537\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttgtcatacaaatgaggggtggtatgttgctagccaattaaaaaagaacgccatatttAttgatgattgatcccccggt

>ECK125136436\_ykgJp3\_reverse\_304262\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgaattagtacgtaaaatcggtaacggctggaaatcattcaatactcacactatcgaaaGttccccagccaaccgcggta

>ECK125136870\_ymjAp5\_reverse\_1357810\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatctgatccgccgctatcgcaaagtgccgttgtatgatggtgacagaacgccggtgagtGaaacgtaatagtcggatgcg

>ECK125136913\_ynbAp3\_forward\_1477462\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgcgcaatacgggaacaagcgatgagaaaacttgatgagttgtattgatccacaacgtaAtgttttttaactatctgatt

>ECK125136981\_yneJp6\_forward\_1614788\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtatgaagatacgcagatttactcttgctttaaaatgaataatattaagccacttattcAcgaatcgagaatgctatgga

>ECK125136983\_yneKp6\_forward\_1615550\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggcattgcgcttattccgcgctctatgctggaaagtatgccggggcatcaccaggttgaAgcgtggccgttagctgagca

>ECK125137003\_ynfAp4\_reverse\_1655699\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggacgcaaaacgtaccaggagggtgtttatattgatgatattatgtcgccctataactAtacatgatgtcaataagaga

>ECK125137006\_ynfCp9\_reverse\_1657547\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgagggcgagcagaagcgcggcacagcaggttgagagtttcatcataagctccttacgcgAagataacttctttaagcata

>ECK125137047\_ynhGp4\_reverse\_1758945\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatattgtcaatttcgatgtgcgtccgtggtttgaaaaaatggcgctcacccaacatctcAccccatctcgttcacaaggt

>ECK125137107\_yoaBp2\_forward\_1893321\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gattatgtcaggatgagggcgctttcgccagttgaagtggtgacggcgacctcacattgtGgcagtctttgcagcacgaaa

>ECK125137184\_yodBp13\_forward\_2042308\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggctggttacaatatgcactatcaattttttaaataacaaattattaaaaccacatctgtAtaaggaatttttaaggttcg

>ECK125137186\_yodBp15\_forward\_2042176\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacagacacgctcatcactatgacgtgtctgtatattaataagctaacccgcattgagttAaccaataacggattccatac

>ECK125137176\_yodCp7\_reverse\_2028410\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatgcgcggtcaggcacattaatactcgcactggctattatgcaaaattcgccatcttcaActaaggtgaacaagtttcac

>ECK125137418\_yphBp3\_reverse\_2674788\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggaaaaatgcgcccatgatctgacggactggaagctgtggccgcgtaacgccattacccAtcgcttctcgctggaacagg

>ECK125137441\_ypjDp4\_forward\_2747846\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatcaaacattgtctctcgcctggggtggaaacggttggccgcaatcgcgacacatcatcAgtattttgccgcagtataac

>ECK125137534\_yqeCp5\_reverse\_3015234\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcggctacaaaactgcaacgcatttttgatacttgtatcaagaattgttccctgttcccaGggtaacatcattttccattg

>ECK125137513\_yqeGp8\_forward\_2985819\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagatagggcgttaatctcccatacttaacctggtttatggtaaattgccctccattttgTttaatttgtagatgatacgt

>ECK125137549\_yqgBp4\_reverse\_3086182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attcgttccccgcactctgcatctctgctttgcatacctgccgatgttatacccatctcgGcgcttctcaggattcaagag

>ECK125137556\_yqgEp3\_forward\_3092884\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtaacccaccttagcgagaaggatctcgttgagactctgagtgacagcgcccttctttcCacgcatactgggcgctgttg

>ECK125137587\_yqhAp7\_reverse\_3149575\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctttaagggtagacgttctcgatgcgttgataagggaaccaggaagatccctaaacctcAgaattatgcgacaaaggttt

>ECK125137591\_yqhHp4\_forward\_3158421\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttcacgcgttgatgaaattcgagtcctggagaaaaccgccgattccgcccgcattcatGttcgttttacgctgaccaat

>ECK125137644\_yqjFp3\_forward\_3250472\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaaattttttgaagatttttgacagttttccttgctaacaatcatcattcaccacgtttAtgattctctccatcgacagc

>ECK125138000\_zurp7\_reverse\_4260114\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttaaaaatgaattattaattattatcgtgttgataatggtacgacaaggcaacataacaCcttacctacaaaacagaaaa

1. List of 163 samples in $S^{+}(σ^{38})\_{ }$

>ECK120010669\_acnAp1\_forward\_1335424\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aatgttccgtcgttattccagacgactggcaactaacatcgcagcagcaagcctttatagAactgtttgctgaagatgatc

>ECK120011025\_adap\_reverse\_2310427\_[TIM|S|Transcription initiation mapping]\_Strong

aaaaattaaagcgcaagattgttggtttttgcgtgatggtgaccgggcagcctaaaggctAtccttaaccagggagctgat

>ECK120010249\_adhEp1\_reverse\_1298413\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ttgttatctagttgtgcaaaacatgctaatgtagccaccaaatcatactacaatttattaActgttagctataatggcgaa

>ECK120010740\_adhEp2\_reverse\_1298309\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttgcaaaaatttgatttggatcacgtaatcagtacccagaagtgagtaatcttgcttacGccacctggaagtgacgcatt

>ECK120026309\_adrAp\_forward\_403687\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tacgaaaatggctcacccgaaatatcatacttctgcctttagctccgtctctataatttgGgaaaattgtttctgaatgtt

>ECK120010200\_aldBp\_reverse\_3756535\_[TIM|S|Transcription initiation mapping]\_Strong

gctgtcgtaaagctgttaccgactggcgaagatttcgccagtcacgtctacccttgttatAcctcacaccgcaaggagacg

>ECK120010107\_alkAp\_reverse\_2147559\_[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

tcgcgacaaccggaatatgaaagcaaagcgcagcgtctgaataacgtttatgctgaaagcGgatgaataaggagatgcgat

>ECK120015417\_ansPp1\_reverse\_1526011\_[TIM|S|Transcription initiation mapping]\_Strong

gaataatggtgataactatcatcgccaggatgaataaacattgttcatggcaacttatatGactttttcattaaagcaatc

>ECK125138137\_appYp2\_forward\_583656\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gcacatcatcctgattatgattgtgtatttaattggttgttatttgactactatcaacttGttttaattttatgataggtg

>ECK125138135\_araFp2\_reverse\_1986148\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

aatgctttgttttccgattaatttaacgaatgtcattcgtttttgccctacacaaaacgaCactaaagctggagagaacca

>ECK120034543\_artPp1\_reverse\_903815\_[TIM|S|Transcription initiation mapping]\_Strong

ccgcccccgttattttgtgctatgtttattgaataatgcgctttgcttttaacttttaaaGcagaaatattgcataattat

>ECK120034544\_artPp2\_reverse\_903836\_[TIM|S|Transcription initiation mapping]\_Strong

gacatttatgctcgccgaccaccgcccccgttattttgtgctatgtttattgaataatgcGctttgcttttaacttttaaa

>ECK120009899\_asrp\_forward\_1671327\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

gttacacgctgaaaccaaccactcacggaagtctgccattcccagggatatagttatttcAacggccccgcagtggggtta

>ECK120009853\_astCp3\_reverse\_1832039\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

tccgccgtttatgcacttttatcactggctggcacgaaccctgcaatctacatttacagcGcaaacattacttattattaa

>ECK120010717\_blcp\_reverse\_4377745\_[TIM|S|Transcription initiation mapping]\_Strong

catcgggtccgaattttcggaccttttctccgcttttccttgctgtcatctacacttagaAaaaaaccagtaaggaaacat

>ECK120010471\_bolAp1\_forward\_454434\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

aacctaaatatttgttgttaagctgcaatggaaacggtaaaagcggctagtatttaaaggGatggatgacatctcagcgtt

>ECK125203432\_bsmAp\_reverse\_4416869\_[NTAS|W|Non-traceable author statement]\_Weak

atgacatgaagaaatccttagcacaagtttctgctggcggtattagttcataatgttgagAtgtgggttacgctttcgtca

>ECK125135062\_cbpAp2\_reverse\_1063828\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

tttcaataacatattctgtgttggcatatgaaattttgaggattaccctacacttataggAgttaccttacaggggttcct

>ECK120010732\_cfap1\_forward\_1741201\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tacttaggctgctaacaaaattttgttgtatgattgaaattagcggcctatactaatttcGagttgttaaagctacgataa

>ECK120010733\_cfap2\_forward\_1741379\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agactcgcggttttttctgcgagatttctcacaaagcccaaaaagcgtctacgctgttttAaggttctgatcaccgaccag

>ECK120015953\_cpxRp\_reverse\_4105686\_[HIPP|W|Human inference of promoter position]\_Weak

gggggtgtaaaacaacgtaaagtcatggattagcgacgtctgatgacgtaatttctgcctCggaggtatttaaacaatgaa

>ECK120033636\_crlp1\_forward\_257810\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

gatcgaaaaacgcttgtgttaaaaatttgctaaattttgccaatttggtaaaacagttgcAtcacaacaggagatagcaat

>ECK120010359\_crrpI\_forward\_2535610\_[TIM|S|Transcription initiation mapping]\_Strong

aggcaaatggactggcatgtgtggtgagcttgctggcgatgaacgtgctacacttctgttGctggggatgggtctggacga

>ECK120010479\_csgBp\_forward\_1103859\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

aagaaaaatacaacgcgcgggtgagttattaaaaatatttccgcagacatactttccatcGtaacgcagcgttaacaaaat

>ECK120010480\_csgDp1\_reverse\_1103344\_[TIM|S|Transcription initiation mapping]\_Strong

agttacatttagttacatgtttaacacttgatttaagatttgtaatggctagattgaaatCagatgtaatccattagtttt

>ECK120009988\_csiDp\_forward\_2788927\_[TIM|S|Transcription initiation mapping]\_Strong

ataagaaaacaatatgtcgcttttgtgcgcatttttcagaaatgtagatatttttagattAtggctacgaaatgagcatcg

>ECK120034290\_csrAp3\_reverse\_2819273\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aacgctatcgacaacgataaagtcaggttgaagttgtgtatatcggctaaacttaggtttAacagaatgtaatgccatgac

>ECK125137689\_dacBp5\_forward\_3328857\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgggaccagaagcaaaaaaataccgacccgggtacaagtcccaggtcagctacaattcacAttttgatagtcattttaccc

>ECK125140838\_ddpXp2\_reverse\_1563201\_[HIPP|W|Human inference of promoter position]\_Weak

tacgattccgggagattccttccttaacttcccctcttgcaccaaaactgcactacgctgCacaaatgttgatcaaaagtt

>ECK125140839\_ddpXp3\_reverse\_1563249\_[HIPP|W|Human inference of promoter position]\_Weak

gggttttcatttaacgtgacactgtcacttaaatactgtgatttcagctacgattccgggAgattccttccttaacttccc

>ECK120015497\_dhaKp\_reverse\_1250944\_[AIPP|W|Automated inference of promoter position]\_Weak

aaagtttcaatatggaacattcattaaagcatatgtttcactatgaaacataatttgggcTaattttcttttcccttgcct

>ECK120015496\_dhaRp\_forward\_1251003\_[AIPP|W|Automated inference of promoter position]\_Weak

tagcccaaattatgtttcatagtgaaacatatgctttaatgaatgttccatattgaaactTttacgtgtattaatacttaa

>ECK120034309\_dkgAp\_forward\_3156571\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

cccgctaagctttttacgcctcaaactttcgttttcgggcatttcgtccagacttaagttCacaacacctcaccggagcct

>ECK125095206\_dkgBp\_forward\_229098\_[AIPP|W|Automated inference of promoter position]\_Weak

tttttttcgtctgtatatctattattgccagaatcgcaaaaatcctctgcattttacgctCtttttcctcaacagtctgaa

>ECK120010409\_dnaNp1\_reverse\_3882733\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aacgacattcgtttgccgggcgaagtggcgttctttatcgccaagcgtctacgatctaacGtacgtgagctggaaggggcg

>ECK120010408\_dnaNp2\_reverse\_3882590\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgaggcgctgcgcgacttgctggcattgcaggaaaaactggtcaccatcgacaatattcaGaagacggtggcggagtacta

>ECK125137174\_dsrBp5\_reverse\_2024843\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatcagcactcgcgcgcgcctggcgctgccagaaaaacgaaattgttctacactggcacAaagccacaggaggaaaacga

>ECK120034936\_ecnBp\_forward\_4376509\_[TIM|S|Transcription initiation mapping]\_Strong

ttctcttccgaaaaatcatcagattcccatcatttttggcgatgttgtctattattaattTgctataggcaaacataaata

>ECK120015388\_evgAp1\_forward\_2483641\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tccctgattttattgttgacatttcatttatgccgactatttatatggtatacttgtcgaAttatcttaaaggaagctcag

>ECK120010152\_fadLp\_forward\_2461205\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttgaaaaaagatagaaacatacttgcaacattccagctggtccgacctatactctcgccActggtctgatttctaagatg

>ECK120017001\_fbaBp\_reverse\_2178667\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gcgctaacattttttctgatgaatcgagccaacagaaaacgctgaaaaaacatccaaaagAtggaaaaactcgcccgtaac

>ECK125095207\_ftsBp\_reverse\_2872901\_[AIPP|W|Automated inference of promoter position]\_Weak

gattatgttctgcacgccctgggtatacgtaacaatggacaaatgtggtacatttgcccgCgttgtcgcggtatccccaac

>ECK120010260\_ftsQp1\_forward\_102867\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tactcggtgaagaaattttaccgtcaatacgtattcaaccgtccggaaccttctatgattAtgaggcgaagtatctctctg

>ECK120010550\_ftsQp2\_forward\_102742\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagtgtgggaatgtcaaaagtagtagcagaaaatgctctacaagatgcattaagattggcAtttcagcacgatgaagaagt

>ECK120010172\_fumCp\_reverse\_1686709\_[TIM|S|Transcription initiation mapping]\_Strong

cagatacaactcacacaatgcacccgctgtgtgaaataaacagagccgcccttcggggcgGtttttttacatggcacgaaa

>ECK120010047\_gabDp2\_forward\_2790912\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gagattttgggctcgtcggggattcgccgggtgctgcaaaaccatctacgctcaggactgGgcgagatgaaaaactcgctg

>ECK120010708\_gadAp\_reverse\_3667607\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatttaaattaagcctgtaatgccttgcttccattgcggataaatcctacttttttattgCcttcaaataaatttaaggag

>ECK120010707\_gadBp\_reverse\_1572072\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatttaaacacgagtcctttgcacttgcttactttatcgataaatcctacttttttaatgCgatccaatcattttaaggag

>ECK120010087\_gadEp\_forward\_3658345\_[TIM|S|Transcription initiation mapping]\_Strong

atattgaacaacgattcggacaaggatgtaaataatgaaaaggatgacatattcgaaacgAtaacggctaaggagcaagtt

>ECK120010049\_gadEp1\_forward\_3658242\_[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ttaggatcaatatatggagtgcgtgatggataaatctgaagtattgattagtgttaatagAcgtattagttcacgaagggt

>ECK120009924\_gadXp\_reverse\_3665839\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttaaatttatttatcaatcaatttgacttaagagggcggcgtgctacattaataaacagTaatatgtttatgtaatatta

>ECK120010089\_gadYp\_forward\_3664864\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position]\_Strong

atagcttatgtttataaaaaaatggctgatcttatttccagtaaaagttatatttaacttActgagagcacaaagtttccc

>ECK120010566\_glgCp3\_reverse\_3569571\_[TIM|S|Transcription initiation mapping]\_Strong

tttggtggagaatcgctggtgggaagaaggcgacggcaatgtccgttggctaaatcgataTgctcaacctttaagcacgga

>ECK120010511\_glgSp1\_reverse\_3192012\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcactaaaaagtgtgatcggggacaatatatttacgcacgttatgtttaaaggcactacActgattggggaatactgaaa

>ECK125137975\_glpXp2\_reverse\_4115606\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtgcgggggcaaccccgcacacatcaataatccctcccttcccctgtgctacacttcgcGccattccttactgcttagag

>ECK125137850\_glySp4\_reverse\_3724495\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaacctgctggatgcgcgtaaagccatctccgtcaccgagcgtcagcgctacattctgcGcattcgcaccctgaccaaag

>ECK120009989\_gmrp\_reverse\_1346843\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttttaactgactttcgtttgaaaactggcgtttttccaaaactggattacaaataaataTataaaaaaaacaatgcgttt

>ECK125138138\_gpmMp2\_forward\_3785187\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gacgaaaaaaaagcgtaaatctggcatcggcttgccgcgagcggtcgtatattttgatctTcagaggctattttatcgatt

>ECK120030783\_hchAp2\_forward\_2035630\_[TIM|S|Transcription initiation mapping]\_Strong

tccacagcactaaatctctccccgccaccccgtacctctgataatggtctaaaatcattgAagccacttgcgacgacgttg

>ECK120010767\_hdeAp\_reverse\_3656791\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tctgattttgatattttccatcaacatgacatatacagaaaaccaggttataacctcagtGtcgaaattgattcgtgacgg

>ECK125134717\_hdfRp\_reverse\_3948021\_[IHBCE|W|Inferred by a human based on computational evidence]\_Weak

cacgctcctaattctttgaccgagctagttatggcgcggagtattagttacgcttgacagAgtgtaaaacaaaacatttaa

>ECK120010362\_hmpAp\_forward\_2685797\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

tttctgaaaaacaccaaagaaccatttacattgcagggctattttttataagatgcatttGagatacatcaattaagatgc

>ECK125095185\_hofMp\_reverse\_3522928\_[AIPP|W|Automated inference of promoter position]\_Weak

ttaatgtcgccacatccggcagttgtggctcgatgtagcggtataggccataaatcgagcCtgctcccagcagaatgcaac

>ECK125136381\_hrpBp2\_forward\_162075\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgttgcggttcagacatgtgaggcactcggttatgaattaccgcgatgctacaatgtggcGcgaagaatgttaaccctctg

>ECK120010232\_ihfAp4\_reverse\_1795721\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gatattttatccgaatgtaagaaagttggcgtaaatcaggtagttggcgtaaacttatttGacgtgtaccgcggtaagggt

>ECK120010233\_ihfBp\_forward\_963749\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttattccgaagtttgttgagtttacttgacagattgcaggtttcgtcctgtaatcaagcActaagggcggctacggccgc

>ECK125138133\_insC-5p\_forward\_3186040\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gttcgcccggccacatcattaacggattaatgataagtggatcagatgtataaaaaattaAaattaaccacaataagcgaa

>ECK125138134\_insN-1p\_forward\_270226\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tttgctaagagcttcattcatgaatccttttcactagggatgaagtggtttactgaatttGgccacctgaacagaggtgat

>ECK120022001\_iraDp2\_forward\_4556856\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gacttttttcctgaaaagtcagtagatattcataggcaagtaaggttttatactttgctgAcaggattcaggcctgtctca

>ECK120010333\_katEp\_forward\_1813814\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

aacaccgtttccagaatagtctccgaagcgggatctggctggtggtctatagttagagagTtttttgaccaaaacagcggc

>ECK125137462\_kbpp4\_reverse\_2796814\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attaaacctgtgctcatccccgcggcgttaacgcgccgcgttcctctgctacactttctgAgtgtttccgttaacgaatga

>ECK125137140\_lpxMp4\_reverse\_1940228\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcagtcagtaccggctttttttatttggtgcggggcaagttgcgccgctacactatcaccAgattgatttttgccttatcc

>ECK120015409\_lsrAp\_forward\_1601460\_[AIPP|W|Automated inference of promoter position]\_Weak

atatgtgcaatgtccacctaaggttatgaacaaattaaaagcagaaatacatttgttcaaAactcacctgcaaaactgaac

>ECK125134701\_luxSp1\_reverse\_2815065\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcttcgataatcccgatctgactttctctgcccgtatcttaaggtctatgattgatactGgtattggcggaacaggcaaa

>ECK120015494\_mdtAp\_forward\_2153979\_[AIPP|W|Automated inference of promoter position]\_Weak

ccagacagtgtttcataattcctccatttttctcccttattggctggctacactagtatcAttccgcgaaacgtttcagga

>ECK125141559\_mnmGp\_reverse\_3925674\_[TIM|S|Transcription initiation mapping]\_Strong

atacccaggatcccaggtctttctcaagccgacaaagttgagtagaatccacggcccgggCttcaatccattttcataccg

>ECK120009848\_mplp1\_forward\_4455728\_[HIPP|W|Human inference of promoter position]\_Weak

ctcaatgttgcgctcaggtgaatcgcgccagcaaattacggattatcctgaaatgcgtttCtcacttgcccgacatatgcg

>ECK120015420\_msyBp\_reverse\_1114213\_[TIM|S|Transcription initiation mapping]\_Strong

atcgaactgatttttcgcctttcatacttgcaaaagcggagaatcagctatccttttcccTgaaacctcatcaactcaaag

>ECK120010761\_mutSp\_forward\_2857019\_[TIM|S|Transcription initiation mapping]\_Strong

accagcatcaagaactcgccgttcgcttcttcccctgaaatgattaactccggtatcatgTgcgccttatgtgattacaac

>ECK120009940\_narUp2\_reverse\_1544163\_[HIPP|W|Human inference of promoter position]\_Weak

tctggctacttaatccccattctgcccccgcggttacgctttcttatctattctttcaatCagcacttcacccaattcatc

>ECK120009983\_nhaAp2\_forward\_17317\_[TIM|S|Transcription initiation mapping]\_Strong

tacttttcctaattaatccctcaggaatcctcaccttaagctatgattatctaggcttagGgtcactcgtgagcgcttaca

>ECK120011008\_ompFp\_reverse\_987092\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctttatctttgtagcactttcacggtagcgaaacgttagtttgaatggaaagatgcctgcAgacacataaagacaccaaac

>ECK120010475\_osmBp1\_reverse\_1343476\_[TIM|S|Transcription initiation mapping]\_Strong

ctggttgataattaagactatttacctgttattaacactctcaagatataaaattattatCagcgatataacaggaagtca

>ECK120010489\_osmCp2\_forward\_1556606\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

attcggaatatcctgcttatcctcgtgctgtttctcacgtagtctataatttcctttttaAgcccacaggagagcaacaat

>ECK120010077\_osmFp\_reverse\_2219523\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attctgcaactgaatccttccgctcaagctaaccccgccattatcaactatgcttttctcTtaattcgctgaaaacaacag

>ECK120010478\_otsAp\_reverse\_1981651\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

catcatggcgactggcgggtgtgccggatgtctggagctggcttgaaatgataaccaccgCattacaacaaaaaagagaaa

>ECK120010477\_otsBp\_reverse\_1982465\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttcccaccatagccaaccgccataacggttggctgttcttcgttgcaaatggcgaccccCgtcacactgtctatacttac

>ECK120015396\_otsBp2\_reverse\_1982442\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

taacggttggctgttcttcgttgcaaatggcgacccccgtcacactgtctatacttacatGtctgtaaagcgcgttctgcg

>ECK120011009\_oxyRp\_forward\_4158457\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgagcaattatcagtcagaatgcttgatagggataatcgttcattgctattctacctatcGccatgaactatcgtggcgat

>ECK125137791\_panZp7\_forward\_3597958\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctgccaaaagaaataaaaaagagaaagcctccgattaaattatttcgctacactggttccActtttgtgatttacacgggt

>ECK120009956\_patAp\_forward\_3219458\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gtgtttatcccgattttcgcgatcgcagccggagtggcgcaatccctgcaatacttaaatCggtatcatgtgatacgcgag

>ECK125122034\_pcnBp4\_reverse\_159391\_[TIM|S|Transcription initiation mapping]\_Strong

aagtgccagattacattcatctgccgctggcgcttaatccacaaggcgctaaactttccaAgcagaatcatgcgcctgcgt

>ECK120010332\_pfkBp1\_forward\_1806351\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctccaataaatcatattgttaatttcttcactttccgctgattcggtgccagactgaaatCagcctataggaggaaatgat

>ECK120015423\_pfkBp2\_forward\_1806323\_[TIM|S|Transcription initiation mapping]\_Strong

atatttatctgcaaaattttaaataaagctccaataaatcatattgttaatttcttcactTtccgctgattcggtgccaga

>ECK120010737\_poxBp\_reverse\_911076\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttagtgcctcctttctctcccatcccttccccctccgtcagatgaactaaacttgttaccGttatcacattcaggagatgg

>ECK125138136\_ppkp\_forward\_2622977\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

attcacctgtaaatcgcaagctccagcagtttttttcccccttttctggcatagttggacAtctgccaatattgctcgcca

>ECK120010554\_proPp2\_forward\_4330407\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

actggtttgattgtacattccttaaccggagggtgtaagcaaacccgctacgcttgttacAgagattgcatcctgcaattc

>ECK120049204\_puuAp\_reverse\_1360968\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position]\_Strong

tcatttttgcaaactcaatttaacatttgacaaacatttagtttgcatacagattcgaatGgtggtcattatattttacgc

>ECK125138129\_puuCp\_forward\_1362728\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

catacggcccggggatctctgcgccctgacgttcacaaactgcatatatctgatagacgtGaaacaggagtcataatgaat

>ECK120034217\_puuDp\_forward\_1361052\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

atgtttgtcaaatgttaaattgagtttgcaaaaatgaaaacccactgctagattgaaaaaAtattgaacataaaggtcatt

>ECK120034239\_pykFp2\_forward\_1755600\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggctgagacacaagcacacattcctctgcacgctttttcgatgtcacctatccttagagcGaggcaccaccactttcgtaa

>ECK125136636\_rhlEp5\_forward\_830783\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcaacgccagtcacagggataatttatgcgctgcgtcacaaaaactgctacactccgctCcctcatgacattgtggtttt

>ECK120029519\_rraAp\_reverse\_4119358\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caaatatcaattaacaattgatgattttgccaacagcccacatagcgcgatatactgaaaAttctcgcagcaactgaatgt

>ECK120010768\_rsdp1\_reverse\_4196954\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gatcgaaatttgccgcttcgccatatggcaattctcccttcggcaaccataatttttgttCatggctgacgacccaccagc

>ECK120016351\_rssAp\_forward\_1289106\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcaggtgcaaccttttcaccagacacataagggtggcaacataggctatactcgacagcActaccacagggacaaagctg

>ECK120016350\_rssBp\_forward\_1290220\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttatctacacttaagttaattctgacaggcgcaggtggcaatagcatgccactattgagtAaagccagtcaggggagagaa

>ECK120030811\_ryjAp\_reverse\_4278066\_[TIM|S|Transcription initiation mapping]\_Strong

tgcggttaaaaagtatacttttacactggcgaagaaacgtcggtgacatacaattaaagcAtcaacaccaaccggaacctc

>ECK125230253\_sdsNp2\_forward\_1996880\_[TIM|S|Transcription initiation mapping]\_Strong

ccttatcctgcatagtaaaccgcaacgcccctgagagtgagtatcatttataatgataatTcaaactatcacataaataag

>ECK120032979\_sdsRp\_reverse\_1923207\_[TIM|S|Transcription initiation mapping]\_Strong

tttttattgaccattttgcacgcaaactggaaaacctggcgtcgtcatctattcttaaagGgcaaggcaactaagcctgca

>ECK125137747\_slyDp7\_reverse\_3478528\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatgcgccgagtttttttaagctagtgagtacacggctgcagaattccgctacaatctgcGccactattcttcccatgctc

>ECK120034237\_sodCp\_reverse\_1724679\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gtaagcacttttaggaatagccgccgttcaaaaatgtgtcactggtttacacttattcagGaatgcacaatgaacggaggt

>ECK120010376\_speBp\_reverse\_3083946\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaactgcaacaacagttccttgaagagttcgaggcaggtttgtacggttatacttatcttGaagatgagtaagtcctgtgt

>ECK120010188\_speCp\_reverse\_3109175\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

accagtttgacccatatctcatggggcagggttttccaccttgtccggtattcttacttcCccgaaacgggtttgcgctta

>ECK120009984\_srap\_reverse\_1556046\_[TIM|S|Transcription initiation mapping]\_Strong

acgatcaattatgtggtcagtggccagcaccctacgctttaaggtgctatgcttgatcggCaacctaatttaggggtttag

>ECK120034945\_ssrSp2\_forward\_3055759\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcagcggacgatctgaaccaacggttgcaagatctgaaagaacgcactagagtcacaaatActgaacagttggtcttcatt

>ECK120010171\_sucAp\_forward\_758586\_[TIM|S|Transcription initiation mapping]\_Strong

cgtaacaaagaaatgcaggaaatctttaaaaactgcccctgacactaagacagtttttaaAggttccttcgcgagccacta

>ECK120010102\_talAp1\_forward\_2578588\_[TIM|S|Transcription initiation mapping]\_Strong

ctataacactgatgttacctgcttaatccagcaataccatgcctgtctgctatgctttttTgatgcgtttagcgaaatttc

>ECK120015414\_talAp2\_forward\_2578570\_[TIM|S|Transcription initiation mapping]\_Strong

aatgttttggtaataatcctataacactgatgttacctgcttaatccagcaataccatgcCtgtctgctatgcttttttga

>ECK120033646\_tamp\_forward\_1607221\_[HTTIM|S|High-throughput transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

gcctataaagatgaagacgcagtggcgttccataaaaccacgccccactacaaaacctgtGtcgcgaaactggaatcttta

>ECK120015379\_tktBp\_forward\_2579308\_[HIPP|W|Human inference of promoter position]\_Weak

gtggtggaagaagatccgggcgttaaatcggtgcgcaatatctacgactactataagcaaCaccactatgaaaccattgtg

>ECK120034938\_tolCp4\_forward\_3178074\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggcacgtaacgccaaccttttgcggtagcggcttctgctagaatccgcaataattttacaGtttgatcgcgctaaatactg

>ECK120010320\_treAp\_reverse\_1247425\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

tgacagttcgcagaatgagatttcgatcatgcagctagtgcgatcctgaactaaggttttCtgatacttgaataccgtttt

>ECK125138130\_treFp\_forward\_3669551\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

aacgtgatccaccgcacgctttgtcgcccaccaggcggagcgaatgactacccttaaagaAaagccgataattagcgacga

>ECK120009874\_uspBp\_reverse\_3639848\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaatatattgatagtggttaaccttctggaaaaaaaacaacctgatctcctacactatctAtagagccgctcgtatgttgg

>ECK120034197\_wrbAp\_reverse\_1067758\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataaatcaaataagtggttgtgaaatttgcactctgaaaaggacgtcttatctttaaataAgtggtagcgaatcgctacgg

>ECK120010738\_xthAp\_forward\_1832399\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcgatcaaatcacttaacaacaggcggtaagcaacgcgaaattctgctaccatccacgcActctttatctgaataaatgg

>ECK120034391\_yabIp\_forward\_71271\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtttcgtgccggttgtgaagaaaaagtgaatgatgtagccgtcaagttgtcataattggtAacgaatcagacaattgacgg

>ECK125136369\_yadEp4\_forward\_145053\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaacataatttgtatgagtattaacccgcgattctgatggcgcttttgctacaataaaaGcgttgtttcaccctcggtta

>ECK120010498\_yadVp2\_reverse\_156224\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aattgattgaatgaatatacagggaataataatttctattttatattattccctgttttaAttaactctatcagggatggt

>ECK120010703\_ybgAp1\_forward\_738980\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtcctgctacaacaggattaacttcacaaatatcatttctcaacgtctacacttactcctGtaaaccgctcaggagcagta

>ECK120034546\_ybgAp2\_forward\_738920\_[TIM|S|Transcription initiation mapping]\_Strong

cagctatggttagaaactacctgacgtcagtccttgcggggagcaggctttcgtaaatttGtcctgctacaacaggattaa

>ECK125136633\_ybhBp4\_reverse\_807930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgaaacatttttttgccaataacgagaagtccgcgtgagggtttctggctacactttctGcaaacaagaaaggagggttc

>ECK125136638\_ybiIp6\_reverse\_838484\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtcggagatctgatgcttgaactgcccgagttcgtccctggattagctacacttaactGtacaagtattgatatgggga

>ECK120015425\_ybjPp\_reverse\_904523\_[TIM|S|Transcription initiation mapping]\_Strong

ccttgtttgctaagccttcgatctcaaaagcattatcagactgatacgctattattgaaaGgatatcattattatcgtaga

>ECK125109145\_ycgZp\_forward\_1215752\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcaaaaaattaatttatcattctgtacacatatttcgtacaagtttgctattgttacttcActtaacattgattaacattt

>ECK120027918\_yciGp\_reverse\_1316092\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

ccctctatcttctcgttgcgcttaatttgactaattctcattagcgactaattttaatgaGtgtcgacacacaacactcat

>ECK125138131\_yciTp\_reverse\_1344510\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gatattgtgttagatatccttgtggcaggcgattaccactctgcgatccataatctcgagAtacttaaagcagaactcttg

>ECK120020515\_yciZp\_reverse\_1344638\_[TIM|S|Transcription initiation mapping]\_Strong

gataattagccgttgctgttaaacacttctcttttagcggcaatttttgcattattcattTtcccccttttgctataagga

>ECK120033654\_ydbDp\_forward\_1475066\_[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

ggagaatatggctgctgaaaaattgcatctttctgaggaagtgttgtctacgttggatggTatttcgcgagaataacgaat

>ECK125136909\_ydbKp4\_reverse\_1440846\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgctgatgtgggggacacaaaagcgaaaatgcagaagaaagccatttgctaaaattgaaaGattactactgggcgcgcagc

>ECK125160783\_ydcSp1\_forward\_1511599\_[HIPP|W|Human inference of promoter position]\_Weak

gaataaattttctcaggggcgaaggtgtgcctgcaagccgccgtctatggttaaacaaggAgatatttttacggcacggcg

>ECK125095197\_yddGp\_reverse\_1547205\_[TIM|S|Transcription initiation mapping]\_Strong

gcggtagaaaaacgcaccactgcctgacaggccagttaaaaaaatgctataaaattcagcTtaatttttaacggcaagaga

>ECK120034542\_ydhYp\_reverse\_1754642\_[TIM|S|Transcription initiation mapping]\_Strong

tgtaattttaattgataacgatcaatgttaagggctcagaataatcacattattttttctCctaaccataaaggattagtt

>ECK125137235\_yegSp8\_forward\_2168683\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatcctccgactttcatcctgttctgactccaccttttgttttctgctctacactatctAcagaccaatcataaaggcac

>ECK120010621\_yeiLp\_forward\_2255290\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaagaaaattcgaccgggccgatgattgaatcttaacaacagcgtacgtatgctaaatatGagaaatctcatagcggataa

>ECK125138132\_yffOp\_forward\_2562053\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

acgccaaaattagcgctgaattaatgggtaattattgcggtttttgtcaattttcaacctCaattcttgcgaaaaatggca

>ECK120015426\_yggEp1\_reverse\_3068126\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ccttgttcagttaggcgctatctgatggaaaaataaaacagaggcgctaagcttgcctccAgaggtcctgaattttgggca

>ECK120015427\_yggEp2\_reverse\_3068185\_[TIM|S|Transcription initiation mapping]\_Strong

atgtgttatgtggtttattgccttgcagctggcgagagacggtattgctcatgcacaagcCttgttcagttaggcgctatc

>ECK125137654\_yhaJp7\_reverse\_3254261\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cataattcttgacctctctttacttccttttatggtaaggggctggacgctacattgttaGccagatattctgcccggtat

>ECK120010394\_yhfGp\_reverse\_3491648\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Confirmed

caatcttgcccgcgcttctgctctcccggcgtaacccggatttgccgcttatacttgtggCaaatggacacgttcagggag

>ECK125137807\_yhhTp4\_forward\_3611841\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gacgtgaaaatcagcagtaagaatcagaatattgctggcgtgactcccgctacacttaatAcaaaaagtcacaaggaagcc

>ECK125134716\_yhiMp\_forward\_3634743\_[AIPP|W|Automated inference of promoter position]\_Weak

tggccttttgaacgctgaaaagtagcgctctgcaaagtaaaccccgctatagttatgctaTgcatttgtctttaatgatat

>ECK120033652\_yhjGp\_reverse\_3678412\_[HTTIM|S|High-throughput transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

tttcacgcccggcaccgatagaaacgctgaatacggcggttctggcgctataagctgcctCattttccgcctggctggact

>ECK120015415\_yiaGp\_forward\_3719431\_[TIM|S|Transcription initiation mapping]\_Strong

agccagagcatgccctgacttcaccccgctgtgtctgcttttcccgactattcttaatgaGcttcgatgcaattcacgatc

>ECK125137934\_yigMp3\_forward\_4011050\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttatcgtaatcgttctttatttggtcagttgtcaacctgatacttcgctacaatggatAcccgttaatcaaagagtttt

>ECK120009882\_yihGp\_reverse\_4046652\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

attttttctaatgtggatagatatgaattatttttctccttaaggatcatccgttatttgGgtcgttttctgctaaaatct

>ECK125095219\_yjcCp\_forward\_4275418\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

atttcaaatcaggcaaaagtgctatttataccgtaagatttatctaaagacgtcggtaccCagggttttcaccttgcaatg

>ECK125138072\_yjgBp10\_reverse\_4496234\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgatgtgtaacctttgtcacactccaggcaccccgccctgccatgctctacacttcccaAacaacaccagagaaggacca

>ECK125145770\_yjiYp\_reverse\_4591367\_[TIM|S|Transcription initiation mapping]\_Strong

aaataaccactcagttatttaccttactttacgcgcgcgtaactctggcaacatcactacAggatagcggtcaatttacct

>ECK125138122\_yjjKp11\_reverse\_4630566\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttactgcgagggtgatcgaccggctgggattaggcggggaaaaaggctacacttcgccTttgaaaactcattatcacga

>ECK125137136\_yobBp8\_forward\_1925209\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaagtgaatgtcgatttggcggcggccggggtggcatttaaagaacgctacaatatgccGgtgatcgctgaagcggttga

>ECK120015416\_ytfKp\_forward\_4439511\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctttaggtaaaaaaagttatacgcggtggaaacattgcccggatagtctatagtcactaaGcattaaaatttgcgcctcat

>ECK120010964\_znuAp\_reverse\_1942661\_[AIPP|W|Automated inference of promoter position]\_Weak

gaggacgcggcgttggccaaaagaaaccgagacattttccagggaaaccagacttgtcatGttaattttagtcttgcagta

1. List of 94 samples in $S^{+}(σ^{54})\_{ }$

>ECK125095451\_acrDp2\_forward\_2587550\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

atttacattaactcctttttttctccacgattggctcgtaccttgccgctacagtgaagcAagtcaagcctacaacgatac

>ECK125095447\_actPp\_reverse\_4284935\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

gatctcctttgttctcaccggtatctacatctggcgggcgaacggcgaattcgaccgtctTaataatgaagtcctgcatga

>ECK120009973\_argTp\_reverse\_2427849\_[AIPP|W|Automated inference of promoter position]\_Weak

tatttaacgttgaatgttactgttgtcgtcaagatggcataagacctgcatgaaagagccTgcaaacacacaacacaatac

>ECK120026316\_aslBp\_forward\_3982781\_[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

aaaaagcagtatttcggcgagtagcgcagcttggtagcgcaactggtttgggaccagtggGtcggaggttcgaatcctctc

>ECK120009852\_astCp2\_reverse\_1832044\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

tagcctccgccgtttatgcacttttatcactggctggcacgaaccctgcaatctacatttAcagcgcaaacattacttatt

>ECK120010180\_atoDp\_forward\_2323412\_[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position]\_Weak

attagttaaataactaaatccaataatctcattctggcactccccttgctattgcctgacTgtacccacaacggtgtatgc

>ECK120033259\_chaCp\_forward\_1272422\_[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

agttaaagctattcgtgcggtgttgccttgcaagtggtccgtggattgcatattgtcccgTtagtggtttcaaaatgagca

>ECK125095439\_crlp2\_forward\_257824\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

tgtgttaaaaatttgctaaattttgccaatttggtaaaacagttgcatcacaacaggagaTagcaatgacgttaccgagtg

>ECK120021266\_dcuDp2\_forward\_3374583\_[HIPP|W|Human inference of promoter position]\_Weak

acatcctatcacaggattgaaagtaggggaaaatggcagggttttctctttgtgcctcatCattaccataattaacggaat

>ECK120009977\_ddpXp\_reverse\_1563107\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

ttaagccagcattctggcgcttatcccggcatggcatgagatctgcataagcggaaagcgCagcaatttttgtcttataca

>ECK125136726\_efeOp2\_forward\_1082154\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagtcgccgtctggtttatttatctcatcccggcgctggtggcatttgctctgccaccacGcgcaggggcgacagcgtctc

>ECK125095441\_emrDp\_forward\_3853845\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

catattctgccgctaaacaattccccattcctggcgtatatctggctaacattcatcaatGtgatagattcctctcccgca

>ECK120011038\_fdhFp\_reverse\_4299407\_[TIM|S|Transcription initiation mapping]\_Strong

cccgtaatatcagggaatgaccccacataaaatgtggcataaaagatgcatactgtagtcGagagcgcgtatgcgtgattt

>ECK125136496\_ffsp5\_forward\_476399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgagtgaagtcgcattgcgcaagaaaccagcatctggcacgcgatgggttgcaattagccGgggcagcagtgataatgcgc

>ECK125095446\_flhDp2\_reverse\_1978577\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

aacctgaatctgaggcagcacctggcacggctgggacggaagtcgctgtcgttctcaaaaTcggtggagctgcatgacaaa

>ECK120032981\_glmYp1\_reverse\_2691340\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataatcagtacgttaccaaactattttctttattggcacagttactgcataatagtaaccAgtggctcattcaccgactta

>ECK120010268\_glnAp2\_reverse\_4058107\_[TIM|S|Transcription initiation mapping]\_Strong

gcatgataacgccttttaggggcaatttaaaagttggcacagatttcgctttatctttttTacggcgacacggccaaaata

>ECK120010230\_glnHp2\_reverse\_848047\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gccgcatctcgaaaaatcaaggagttgcaaaactggcacgattttttcatatatgtgaatGtcacgcaggggatcgtcccg

>ECK120010750\_glnKp\_forward\_472556\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

ttaacttcctgctctctttctcgtttttcatttctggcacaccgcttgcaataccttcttCgtgtagcagaaccattaccg

>ECK125137767\_hslOp4\_forward\_3529672\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggaaagtgtagagaaacgcgaaaaaatggcgctggcacgtaaacttaatgccttaaccAtgccgcacccggaccgacgc

>ECK125095445\_htpGp3\_forward\_494817\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

tcggtccggatgatatcgggcttgatcgtctggaacagcgtctggcagaggaaaaaatcaCtgaagtgatcctcgccacca

>ECK125136375\_htrEp1\_reverse\_155518\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttagtgatgaggtcatgaaagtcaatggccttaatggcaaagcgaattctgcaaaagtGcatttttacgccattaatga

>ECK120010211\_hycAp\_reverse\_2850461\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttaaaaatctctttaataacaataaattaaaagttggcacaaaaaatgcttaaagctggcAtctctgttaaacgggtaacc

>ECK120010719\_hydNp\_reverse\_2838132\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aattaatttccttaaataacagtaaattaaaaactggcatgatttgtgaatgtatcggcgCattaactgtcattgctggag

>ECK120010759\_hyfAp\_forward\_2601171\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cataacttattgaatatattgagttaatcagaatggcatcctttatgcaatatgaaatgcAatgtttcatatcattttcaa

>ECK120010212\_hypAp\_forward\_2850627\_[TIM|S|Transcription initiation mapping]\_Strong

catcgacattattcaccgcagggataatcaacactggcacaattattgcttgtagctggcAatagttaatgggaggcgata

>ECK120010057\_ibpBp\_reverse\_3866981\_[TIM|S|Transcription initiation mapping]\_Strong

gcgaaaaaaccgcgccgtatcgaaatcaactaattccctaaggccgcctggcgcggcctgAcatctccatgctcgccgtca

>ECK125136597\_insHp6\_reverse\_689222\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtgcattatccggataacaatattctcctatccaactttggcacatctattgctttgttAtacaaggcaaaccctgaaac

>ECK125137409\_iscXp3\_reverse\_2656917\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgagattgaacacgcctgtgaaaaatcctgtgcttgcaccacctgccactgcatcgttcGtgaaggttttgactcactgc

>ECK125137474\_ispFp3\_reverse\_2871984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgccattgctcataccgttgatcgcaacggcttatggcacgcgctgacgccgcaatttttCcctcgtgagctgttacatga

>ECK120010018\_kchp\_reverse\_1310523\_[AIPP|W|Automated inference of promoter position]\_Weak

aagaaagtgttctgaatagagattcaatatttaagggcacggtttttgcaaccgtgttctTgtttggcctttccttatagc

>ECK125138101\_mcrCp5\_reverse\_4578062\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggcatagttacttctgctgtgggttggaagatggcacctctccggatacgcaatggcttAatgaaattgtgatgacggat

>ECK120010741\_nacp\_reverse\_2061978\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttggttagcttgtacatcaacaccaaaataaaactggcaagcatcttgcaatctggttgtAagtaatggcggcacttgggc

>ECK125095440\_nikAp2\_forward\_3613439\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

agccatcgttaaacagcgtggcggcagcgcctggcaaatcgtcagcgtagacagcacctaTcactcctcgctgtcagtcag

>ECK120010021\_norVp\_forward\_2832439\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Strong

ttatttatagagtaaaaacaatcagataaaaaactggcacgcaatctgcaattagcaagaCatctttttagaacacgctga

>ECK125137953\_ompLp1\_reverse\_4064479\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtttgcgtcagctcatttttatctggccttgtgcactggcaattattgctgcattgacgAtgggattcttttacacactc

>ECK125137113\_pabBp6\_forward\_1894779\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacctgcaaacattgttaactcctgctaaattgttggcgctaattatttcatgctacccgGcacatagccagtagagtcag

>ECK125137114\_pabBp7\_forward\_1894628\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaaaacgcgccacgattcgctcgccggagtggttggcacgcagctcttctgccaccagcGcgattgcctggccgctgctc

>ECK125136864\_pgpBp9\_forward\_1339165\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggaaatcgccccatggggttggcagtttggcttctgccacacgtttaagctgcatgaaaTtctccagataatgctggttc

>ECK125136797\_pinEp3\_forward\_1209672\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaccaacgtttatgaaaatgaagaaataacaagcaaatggcatcattcctgcttttaccAgggggatttaacatgcttat

>ECK120009957\_potFp1\_forward\_893736\_[AIPP|W|Automated inference of promoter position]\_Weak

gttctcttttcttacaccgcgccgataaaaaatatgcacgtttattgcatatctttcagtGtgacaacttttgttcgtttg

>ECK125137395\_ppkp6\_forward\_2622990\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgcaagctccagcagtttttttcccccttttctggcatagttggacatctgccaatattGctcgccataatatccaggca

>ECK120009974\_prpBp\_forward\_348646\_[AIPP|W|Automated inference of promoter position]\_Weak

tgaaattaaacatttaattttattaaggcaattgtggcacaccccttgctttgtctttatCaacgcaaataacaagttgat

>ECK120009904\_pspAp\_forward\_1368038\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aatcagatctttataaatcaaaaagataaaaaattggcacgcaaattgtattaacagttcAgcaggacaatcctgaacgca

>ECK120010088\_pspGp\_forward\_4262816\_[ICA|W|Inferred by computational analysis],[FP|S|Footprinting]\_Strong

gggcgttttgctgttaaatcaatagattatttttggcatgattcttgtaatgccagcaagAgatttcatatttgggagagc

>ECK120010019\_puuPp\_reverse\_1359373\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

gtaatccagacatttcccggatgtcgcgttatggagcgcgggcggcaacgggcttccgttAacgattaagactgtgacgag

>ECK125136411\_rayTp1\_forward\_247544\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catccggcagttgtacgcaggtgcctgatgcgacgctggcgcgtcttatcatgcctacgaGcccgcgaatatttgcgagcc

>ECK125199576\_relAp3\_reverse\_2913700\_[TIM|S|Transcription initiation mapping]\_Strong

tggatatgttcccacacacgggacatctggaatcgatggtacttttctcgcgcgttaaatAgttgcgatttgccgatttcg

>ECK125199577\_relAp4\_reverse\_2914318\_[TIM|S|Transcription initiation mapping]\_Strong

ccgcaccgctaagttcggcagatcgcgaaaaactggaacgcttttcgcattctgaaggccTggatctgtatctcgcccccg

>ECK125137617\_rfaEp1\_reverse\_3196926\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctggcgcaaaacgacattatggaagagcaggaagcgatggcgctgacccgtgcttacactAcgcttcgcgatgaacttcat

>ECK125095448\_rhaDp\_reverse\_4094385\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

gattgccggatgcggcacaagtgccttatcaggcctacaggtcggcaatagttgtaggccTgataagacgcgacagcgtcg

>ECK120010697\_rpoHp6\_reverse\_3600813\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

aacagtgaatgataacctcgttgctcttaagctctggcacagttgttgctaccactgaagCgccagaagatatcgattgag

>ECK125138115\_rsmCp1\_reverse\_4607868\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caccatcaccagacggacgtgtgccgggatcgcaatggcaatctccccctgcaacgcgccAgggcgacgcagcgaccactg

>ECK125137795\_rsmDp2\_forward\_3604297\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgccatttgcgactacactcctcgctgttgcttcatggcacagcgttaacgctatgtacAtagcagctaaaaaaatgatg

>ECK120010682\_rtcBp\_reverse\_3558107\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgaattaaaaaattaagctgcttatttaattttctggcacgacggttgcaattatcaggaCagcaaacaacgaaaagagaa

>ECK120009979\_rutAp\_reverse\_1074026\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

aacagattaataacattaactttttaaaaactggcatccgctttgcaaacaagccaatacGcggctgaaaaggatatgcag

>ECK125137050\_rydBp1\_reverse\_1764930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttctgctgaattaaaagaagaaatctactttgcctggcgtctgggcgtgcattgatccTgacttaatgccgcaagttcg

>ECK125137393\_tmcAp5\_reverse\_2595938\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcaggggcgagtagtaccagacagtttcactcatggcacttctcagcaacgctacagctGgtttaaacgtggtttcgaca

>ECK125137018\_tusp2\_forward\_1684173\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aactgggtggtgcccgcttctcgtttagctggccgttatggcataacatcccgcaatttaCctctgcctgacactacgcgc

>ECK125137946\_typAp1\_forward\_4058230\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accatcgtgcaaaagggctgcaccacgatgtgaatgttgcaccaatatagtgcttcaatgGaaacattaagcaccatgttg

>ECK125095450\_xdhAp2\_forward\_3000265\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

cctacctcccctaacgcttatcgtcgtttctggcgtaaatcttgcctgcttagactaaatCtttgccataagaaccaaatg

>ECK125095438\_yaaUp\_forward\_45592\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

cacattgttgtgaaggccgatgctgataaacaggcgctggagctgctggtgaaagcgtgcCccgcaggtctgtacaagaag

>ECK125095437\_yahEp\_forward\_335739\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

cagaccaaccatgtaggctggacgccgctactggaagcgattgtgcttaatgatggtggtAttaaacagcaggcgattgtg

>ECK125136534\_ybcKp1\_forward\_568787\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttattttttatgtattcttttgtgctttcaagattatggcgtaagaaaattgcaatacgAttattgttgtatattcaaga

>ECK120010017\_ybhKp\_reverse\_816692\_[AIPP|W|Automated inference of promoter position]\_Weak

agaggtagaagaaaatagtttgtatcctcaatattggcaggttaattgctgtttccccgcAatttgcgctactgtagcgcg

>ECK125136644\_ybiOp5\_reverse\_845664\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcgctacgcttatcaggcctacaggatatctggcaacttattaaaattgcatgaacttGtaggacggataaggcgttca

>ECK125136805\_ycgGp7\_forward\_1217307\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctaccatgctctctgtagatgccagcgcgagcgaatgaatggcattttcatgtattaaaCcctttggccgggacaagcaa

>ECK125136812\_ycgNp1\_forward\_1228683\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaaggccggtgacgttgtgttgacaggcacgcctgatggcgtcggcccgttgcaaagcgGtgatgagctgacagtcactt

>ECK125136868\_ycjDp5\_reverse\_1351896\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgaggttgtcgagcgaggcagcaccgcggatgtgctggcatcgccgctgcatgaactcAccaaacggctgattgccggt

>ECK120009975\_yeaGp1\_forward\_1866815\_[AIPP|W|Automated inference of promoter position]\_Weak

atcaccgggcacgttgttctcatcgtcgataaaatggcatgagagttgctgtgttttagcAagagacgtcgttcagtttac

>ECK125137127\_yebVp2\_forward\_1921715\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgcctgacagcgcacaaaaaaagcgcactttttgactggcacattcggctgcctcaactAggctgaaaaatggtgcgatc

>ECK125137263\_yeiBp2\_reverse\_2243073\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtctcgatcgacgcggtgcattactgcgtgaaggcgcgtggcatccgcgatgcaaccagtGccacgacaacgacctctctt

>ECK125095444\_yejHp\_forward\_2280622\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

ctaataacatccctcaagggaaaaagatccatggcatactattagcagaataatctacctAcgcgagaccatgatttttac

>ECK125137368\_yfeAp6\_reverse\_2517892\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctggtgaaagcatcattggatgaaaaatcggcaacaggctggccccctgtttgcttcgcgAtgcgaataaacttattattt

>ECK125095443\_ygfKp\_forward\_3015992\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

cctcacatttttttatatttcccgccaaacctggcaagagtggtgcgattgttgctctatCcccctaaaccaccggatttc

>ECK125137557\_yggMp1\_reverse\_3099757\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaagtggatgatgcgaaatacggcttcgtcgcctctggcacgctgaacccgcaaaaagcGcgcgttctgctgcaactggc

>ECK120009976\_yhdWp\_forward\_3418972\_[AIPP|W|Automated inference of promoter position]\_Weak

cagcttattgcgacgcgaaatcgtgcgcaaaagctggcactacttttgcttataagaggaTggccacagacaggtaaaaga

>ECK125137748\_yheVp1\_reverse\_3478985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagtgcgttagagctggggcgcaagacgctggtcacgcttggcatgcatccgcatcaggcAcagcgagcgcaactgcattt

>ECK125137797\_yhhMp1\_reverse\_3605794\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agggttaacggtttaaacacccagcgttgccaggttggcccacgatacgatgcatccacaGatagccatgcggaaagacag

>ECK125137823\_yhiDp1\_reverse\_3656110\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttattgatctgaatccaaaagcaatgaccccggttgcatggtggatgctgcatgaagaAacagtatataaaggtggcga

>ECK125095442\_yhjCp\_forward\_3672136\_[HIPP|W|Human inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

aaaacaattttgaggatttccttatattggtggttagtacgcatgcaattaaaaatgaaaTtccgcgaccacaagccaaaa

>ECK125137948\_yihLp1\_forward\_4060372\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctcccttataagtctgtggttacgtcaatagagagctttgtcacaattatctgcaaagtcAtacgccgttaattgctttct

>ECK125137951\_yihLp5\_forward\_4060423\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcaaagtcatacgccgttaattgctttcttttttggcgtaagcgtaagatgcttcatctGgtttaaaccaaaaggattaa

>ECK125137990\_yjaAp3\_forward\_4213224\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttagaaaaaccccggtccataaggccggggttttttgcatatcaattatttgcatgatgaAgggaatctcatgtcagttct

>ECK125137987\_yjaGp4\_forward\_4199373\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctaccggccatcgggtcagcgtggacagcgcgctggcgtgggtacaacgctgcatgaaagGctatcgtctgccggagccaa

>ECK125138085\_yjhUp1\_reverse\_4520381\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttcatgtaaaagaataaaatatctgtataaaatcatgccactggcaatctgcatcaactCtccgggtaaacagggttaag

>ECK125138125\_yjjXp6\_reverse\_4633899\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgctactgatgatatgcgtaatgccaagctctttggcacgggttgccacctgcatcgcctGttgctcacctttggcggtca

>ECK125137512\_yqeGp5\_forward\_2985741\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggaaatatgcctgagcagcagtcagagacataactggcacgtaaggtttgcaaccactAacccaccaatagaggggtag

>ECK125137737\_yrdBp1\_reverse\_3430062\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatgctggtggcacaggcggctcatgcctttcttctctggcacggtgttctgcctgacgtAgaaccagttataaagcaatt

>ECK125137738\_yrdBp4\_reverse\_3430088\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaaagcgtaatgctgatggtttaggaatgctggtggcacaggcggctcatgcctttcttCtctggcacggtgttctgcct

>ECK125138044\_ytfFp6\_reverse\_4433131\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagccatctttttaatgttaataactagttaattaaagtggcatcctcccgcatcctctcTgataatgacgggatgccggg

>ECK125137976\_zapBp1\_forward\_4118386\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtggattatgtcaccaggagaaggatgaaaagtgtggcaaaccgtaatctgcaaggcgtGccgctggacagcgatggcgc

>ECK120010765\_zraPp\_reverse\_4201712\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

gccagattacccgtcatatcagcgtttcatcgttggcacggaagatgcaatacccgaagtAagacaaccactggaggatta

>ECK120010766\_zraSp\_forward\_4201905\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

tgtgttacagcgcagggtaagcgctgataaaagatggcatgatttctgctgtcagaaaggGatgagcaggcaaagaagaag

1. List of 1,694 samples in $S^{+}(σ^{70})\_{ }$

>ECK125137720\_aaeRp10\_forward\_3389381\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgggaaacagactcatgttgaccttggttgtaaagagagagcaggcgttattattttcaGcatctgtcgccgcagagaag

>ECK125137717\_aaeRp6\_forward\_3389477\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgagagcaacattgctgtagattgatatttaatatattagcgtaactgttatgctgttaTctatattatgtgatctaaat

>ECK125136673\_aatp5\_reverse\_927460\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcttgccagacaggggcgttattaccagttcaagcagggtttgtaagctattattgaacGatccgacttgcgtggagttt

>ECK120010467\_accAp\_forward\_208411\_[TIM|S|Transcription initiation mapping]\_Strong

gcccgggaaaaatatgctcgcgggcttgctatctcgctgacggacaggcaaattgatgacCagcttttaaaccgactccgt

>ECK120010469\_accBp\_forward\_3405140\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgaaggttatttacatgttagctgttgattatcttccctgataagaccagtatttagctgCcaattgctacgaaatcgtta

>ECK120010470\_accDp\_reverse\_2434015\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

actccgcggttcgaccacttttttatccaaagtttcgggctgttatgttttaatgtgcaaCattcatggtctgttgggggc

>ECK120010987\_aceBp\_forward\_4215402\_[TIM|S|Transcription initiation mapping]\_Strong

tatttttaattaaaatggaaattgtttttgattttgcattttaaatgagtagtcttagttGtgctgaacgaaaagagcaca

>ECK120010281\_aceEp\_forward\_122969\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaagcgcggcaactaaacgtagaacctgtcttattgagctttccggcgagagttcaatggGacaggttccagaaaactcaa

>ECK120010670\_acnAp2\_forward\_1335781\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcttttatcaatttgggttgttatcaaatcgttacgcgatgtttgtgttatctttaatatTcaccctgaagagaatcaggg

>ECK120010671\_acnBp\_forward\_131519\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttatgttgcttttttgtaaacagattaacacctcgtcaaaatcctgctattctgcccgtTgcggtactgggcatttaccc

>ECK120010720\_acpPp\_forward\_1151575\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atcgtggtaagacctgccgggatttagttgcaaatttttcaacattttatacactacgaaAaccatcgcgaaagcgagttt

>ECK120010736\_acrAp\_reverse\_485698\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gttcgtgaatttacaggcgttagatttacatacatttgtgaatgtatgtaccatagcacgAcgataatataaacgcagcaa

>ECK120015500\_acrDp\_forward\_2587475\_[AIPP|W|Automated inference of promoter position]\_Weak

aaagtcagttaatgtaatgcctcctactgaccaaagaatacttgcacttaaggttcagtaTaaaagggcatgataatttac

>ECK120016232\_acrEp\_forward\_3413702\_[AIPP|W|Automated inference of promoter position]\_Weak

ttacgaggttttaattctgcctctttcaacccgcgtcaaaataaaacagtagaatattaaTctttttttgtgtttatgtgc

>ECK120015959\_acrRp\_forward\_485699\_[AIPP|W|Automated inference of promoter position]\_Weak

gatttcaaattggtcaatggtcaaaagttaataaacccattgctgcgtttatattatcgtCgtgctatggtacatacattc

>ECK125158030\_acrZp\_forward\_794751\_[TIM|S|Transcription initiation mapping]\_Strong

cgcaaagctgaccgcacaaaaggggagtgcttttctgtgcttagcggttagaatagtctcAtgactatatctggagttgac

>ECK120009980\_acsp1\_reverse\_4287595\_[AIPP|W|Automated inference of promoter position]\_Weak

aataaccacactgtgaatgttgtctttaatcaattgtaagtgcatgtaaaataccactttAgagttagtcagtatcttcct

>ECK120009981\_acsp2\_reverse\_4287391\_[AIPP|W|Automated inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

atactaaacaaaactgccaatacccctacatttaacgcttatgccacatattattaacatCctacaaggagaacaaaagca

>ECK125137021\_addp6\_forward\_1702202\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacgtaaaaaatcgttgcgcaatcgtggatttttaccctgctttgtttttataatggtgcGcacttttatatccagaaaaa

>ECK125134720\_adep\_forward\_3843910\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcagtgataattatcacatttcaattgcacattaatggatattctttaataatctcgcgAcgtttctttatgataaataa

>ECK125137899\_adep7\_forward\_3843930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcaattgcacattaatggatattctttaataatctcgcgacgtttctttatgataaataAtaatcaaattgataaaatca

>ECK120010777\_adiAp\_reverse\_4340556\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ttcaaaaatgtttgtttttcacgcgctttacagcccgaaaaggccggaagatacttgcccGcaacgaagattccttcataa

>ECK120010095\_agaRp\_reverse\_3278703\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agcttgcgtcaatgggcaaggtgggcttgcatttgcttaatagaaaggcgttaataggcaAaacgaaatgaaacgaaagtt

>ECK120010096\_agaSp\_forward\_3281889\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcgttttatttcttttttctccattgaactttcagtttcttttctatagattttaatcaaCgaaagacatcaccaagtgaa

>ECK120010147\_ahpCp\_forward\_638921\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcgatttgataatggaaacgcattagccgaatcggcaaaaattggttaccttacatctcAtcgaaaacacggaggaagta

>ECK120051395\_ahpCp2\_forward\_638693\_[TIM|S|Transcription initiation mapping]\_Strong

taggtaagagcttagatcaggtgattgccctttgtttatgagggtgttgtaatccatgtcGttgttgcatttgtaagggca

>ECK120010163\_aidBp\_forward\_4414247\_[TIM|S|Transcription initiation mapping]\_Strong

gataagaatgttttagcaatctctttctgtcatgaatccatggcagtgaccatactaatgGtgactgccattgatggaggg

>ECK125137309\_aisp4\_reverse\_2365756\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taagaaactaatattagacgtaaatattgaaatttttatattttttcttatttaggctttGcatttggcaaaattttgagg

>ECK125137311\_aisp8\_reverse\_2365698\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgcatttggcaaaattttgaggcattttgccgacatcgtaggatttttaatattacaccAactgcgaattatcgccagaa

>ECK125137332\_alaAp7\_forward\_2407414\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagaacaattcactatataacattgcatgtaaagcatatacacctcattattttgtcattAttaagttattaacagcacaa

>ECK120030790\_alaCp\_reverse\_2498399\_[AIPP|W|Automated inference of promoter position]\_Weak

agataaatttcctgtttttaaagcagagttcctcatttaacgtcattaataaaatgttctAaaacgctggacagacagaaa

>ECK125137464\_alaEp11\_forward\_2799087\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgactaaataaaaatttttcactaattgattagtcatagccagcgatatacgctatgcgAaaatgcagatggcaatgaga

>ECK120010611\_alaWp\_reverse\_2518253\_[HIPP|W|Human inference of promoter position]\_Weak

actacacgttgcaatttgccgttgacacattcgggcggaattcatatgatgccgcccgtcAactcgacaagctttacgtga

>ECK125137370\_alaXp4\_reverse\_2518306\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatgcgagcggttttccaaaattgttcatttgcctgatttttcagcgattgaaactacacGttgcaatttgccgttgacac

>ECK120010673\_aldAp\_forward\_1488190\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cccttcacagaattgtcctttcacgattccgtctctctgatgattgatgttaattaacaaTgtattcaccgaaaacaaaca

>ECK120010162\_alkBp\_reverse\_2309445\_[HIPP|W|Human inference of promoter position]\_Weak

aaagcggtacgggccgttgccagcgcctgtgccgccaacaagctggctatcataatacccTgtcatcgggtggtccgtggt

>ECK120015473\_allDp\_reverse\_546411\_[AIPP|W|Automated inference of promoter position]\_Weak

aataaattctaactatatttttttgcctgtctggatcacataatccagatattttccctgTatgttaattgcagtcatgct

>ECK125138019\_alsEp2\_reverse\_4308664\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagaaccgcttgccggtatgggttttgaaacctatgccattgccagcgccatcattggcgGcaccagtttcttcggcggca

>ECK120010029\_alsRp1\_reverse\_4313132\_[TIM|S|Transcription initiation mapping]\_Strong

catctatcatctaaaaaaccagaaaaacaaataacatcatgtttttaaactaattaaatgAaataaaattttaagccactc

>ECK125137640\_alxp4\_forward\_3238370\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacagtgtaaaaggtatgtaacagaccattgactggctgaatggtctgtcatactttgttAcctgcaaaggggagtaactt

>ECK120009942\_amiAp\_forward\_2552241\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtgaacggtcgaattagccaatatctgacgaaaatcggttgaaaaagtggcataatggggAgttgtcaactattgaaatga

>ECK125137497\_amiCp6\_reverse\_2949189\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttaccacggcacacctctttgcatgattattcgaaattagtgtatttttattctgttttTtcgcagggtgcaagtgtaaa

>ECK125137498\_amiCp7\_reverse\_2949066\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaaaagaatgtttaccgtttattagatgacagattatgcgtctttcgctaaagtttccgGtcaaattagtcgtttacttg

>ECK120010445\_ampCp\_reverse\_4379003\_[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tacggtctggctgctatcctgacagttgtcacgctgattggtgtcgttacaatctaacgcAtcgccaatgtaaatccggcc

>ECK120015384\_amyAp\_forward\_2006115\_[HIPP|W|Human inference of promoter position]\_Weak

gctccgcaggataacctcttttgaatctgaatgagtcgatggctcgcgaataatccgattAcggctacgcttctaatgttc

>ECK125137027\_anmKp9\_reverse\_1719673\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acattcatgatgattattgatttgaagataatgttttactaccaacggtaaaaatcggtcAttccgcatggtattcacgaa

>ECK120011026\_ansBp2\_reverse\_3100751\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcacgttgtaaattgtttaacgtcaaatttcccatacagagctaagggataatgcgtagcGttcacgtaactggaggaatg

>ECK120010165\_appCp\_forward\_1037710\_[HIPP|W|Human inference of promoter position]\_Weak

ggcgaatacctctggtcgtagagtttcaggataaagagggagatctaccattatcgggttAtttttctctcttcgcctaca

>ECK120020532\_appYp\_forward\_583567\_[AIPP|W|Automated inference of promoter position]\_Weak

aataaaaaacaacatacatataataatttaatcttaaatgaaatttattaaaatttgcaaActataattttgtgtataaaa

>ECK120030797\_aptp\_forward\_491310\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaagcactgaagcacaacaatcgcagttgcaattattgcgtacagccagtacattctggcGttttcgagcacaggcgcagg

>ECK125136670\_aqpZp3\_reverse\_916133\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatcaaatttactggatttatttatctggtgaatgactcgccttcgtttttaaaatagccGcgcattatttccgtcgtcac

>ECK120010108\_araBp\_reverse\_70075\_[TIM|S|Transcription initiation mapping]\_Strong

ccataagattagcggatcctacctgacgctttttatcgcaactctctactgtttctccatAcccgtttttttggatggagt

>ECK120010988\_araCp\_forward\_70241\_[TIM|S|Transcription initiation mapping]\_Strong

caatgtggacttttctgccgtgattatagacacttttgttacgcgtttttgtcatggcttTggtcccgctttgttacagaa

>ECK120010148\_araEp\_reverse\_2982208\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK120010166\_araFp\_reverse\_1986238\_[TIM|S|Transcription initiation mapping]\_Strong

aattctgcgatgtgatattgctctcctatggagaattaatttctcgctaaaactatgtcaAcacagtcacttatcttttag

>ECK120010167\_araJp\_reverse\_412529\_[TIM|S|Transcription initiation mapping]\_Strong

gaatacagaggggcgaattatctcttggccttgctggtcgttatcctgcaagctatcactTtattggctacggtgattggt

>ECK120010655\_arcAp1\_reverse\_4640508\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgggtgtccggcccctcttagcctgttatgttgctgttaaaatggttaggatgacagccGtttttgacactgtcgggtcc

>ECK120010658\_arcAp3\_reverse\_4640535\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gatatatgtcaacgaagcgtagttttattgggtgtccggcccctcttagcctgttatgttGctgttaaaatggttaggatg

>ECK120010659\_arcAp4\_reverse\_4640599\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgacgaaagctagcatttagatacgatgatttcatcaaactgttaacgtgctacaattgaActtgatatatgtcaacgaag

>ECK120010698\_arcAp5\_reverse\_4640681\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttataaaaaataaatctcgacaattggattcaccacgtttattagttgtatgatgcaacTagttggattattaaaataat

>ECK120010661\_arcAp7\_reverse\_4640801\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taacgtaagtcgcagaaaaagccctttacttagcttaaaaaaggctaaactatttcctgaCtgtactaacggttgagttgt

>ECK125137740\_arfAp3\_reverse\_3438673\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

gggcgagtggcgttaagagtggttgttgattttttgcactggcaggattacactcgcgccGttaaataaccaactggagtt

>ECK120020530\_argAp\_forward\_2949156\_[AIPP|W|Automated inference of promoter position]\_Weak

gtcatctaataaacggtaaacattctttttatattcacggcattactgataaaaaagtcgCtctcgcataaaatttacact

>ECK120010989\_argCp\_forward\_4154885\_[TIM|S|Transcription initiation mapping]\_Strong

aatggcggtaatttgtttttcattgttgacacacctctggtcatgatagtatcaatattcAtgcagtatttatgaataaaa

>ECK120010177\_argDp\_reverse\_3490221\_[TAS|W|Traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttcctgcatcgctgatttctgattgccatttagtgattttttatgcatattttgtggttAtaatttcacatttgtttatg

>ECK120010109\_argEp1\_reverse\_4154897\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaaacattcaccttacggctggtgggttttattacgctcaacgttagtgtatttttattcAtaaatactgcatgaatattg

>ECK120010990\_argFp\_reverse\_290340\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

gtaagaaagaattgtgaaatggggttgcaaatgaataattacacatataaagtgaattttAattcaataagtggcgttcgc

>ECK120010080\_argGp\_forward\_3318562\_[AIPP|W|Automated inference of promoter position]\_Weak

tttacaaaaaacacactaaactcttcctgtctccgataaaagatgattaaatgaaaactcAtttattttgcataaaaattc

>ECK120010991\_argIp\_reverse\_4478344\_[TIM|S|Transcription initiation mapping]\_Strong

gtgacaaagatttatgctttagacttgcaaatgaataatcatccatataaattgaattttAattcattgaggcgttagcca

>ECK120034387\_argOp\_reverse\_3068836\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[HTTIM|S|High-throughput transcription initiation mapping]\_Confirmed

ctgattgccaattaatattatcaatttccgctaataacaatcccgcgatatagtctctgcAtcagatacttaattcggaat

>ECK120010110\_argRp1\_forward\_3384677\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ttcagccttcttcagggctgactgtttgcataaaaattcatctgtatgcacaataatgttGtatcaaccaccatatcgggt

>ECK125137153\_argSp\_forward\_1960001\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

aaacggcaatacgccacgcgcacgttgctgacgaaaacagccatttgcagtatactcccgCcctaatttctttaactggtg

>ECK120010588\_argUp\_forward\_564703\_[HIPP|W|Human inference of promoter position]\_Weak

cagcaaccagatcaaaagccattgactcagcaagggttgaccgtataattcacgcgattaCaccgcattgcggtatcaacg

>ECK120010595\_argWp\_forward\_2466308\_[HIPP|W|Human inference of promoter position]\_Weak

agcaatcgagcggcagcgtacttaccccgcactccattagcgggtatactcatgccgcatTgtcctcttagttaaatggat

>ECK120010600\_argXp\_forward\_3982364\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[IMP|W|Inferred from mutant phenotype]\_Confirmed

gcaatttatttaaaaagggactagacagaggggtgggaagtccgtattatccacccccgcAacggcgctaagcgcccgtag

>ECK120010992\_aroFp\_reverse\_2741201\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtaaataaaaatgtacgaaatatggattgaaaactttactttatgtgttatcgttacgtcAtcctcgctgaggatcaacta

>ECK120010993\_aroGp\_forward\_785591\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

taatccgttcatagtgtaaaaccccgtttacacattctgacggaagatatagattggaagTattgcattcactaagataag

>ECK120010994\_aroHp1\_forward\_1788318\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cttagtcgccgaatgtactagagaactagtgcattagcttatttttttgttatcatgctaAccacccggcgaggtgtgaca

>ECK120029297\_aroHp2\_forward\_1788384\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cggcgaggtgtgacacacctcgcacttgaaatcagcagcgattggtttatcgtgatgcgcAtcacttcccggcagtcctgc

>ECK120010642\_aroKp1\_reverse\_3519380\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttacgctgaacgtgtttcatctatttgacgcgcgcaggtatttagcatacaaggagtaccGatttgagagttggtgctctt

>ECK120010643\_aroKp2\_reverse\_3519167\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagagggatgggtgatttattcagttgccaaacccgctggagtattgagataattttcagTctgactctcgcaatatctta

>ECK120010995\_aroLp\_forward\_406280\_[TIM|S|Transcription initiation mapping]\_Strong

taaatgtaatttattatttacacttcattcttgaatatttattggtatagtaaggggtgtAttgagattttcactttaagt

>ECK120010996\_aroPp1\_reverse\_121671\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcaaccatgcataaagcgggtgcattcgctgccgcataccattattcttgatctgacggAagtctttttgtaacaattca

>ECK120010756\_aroPp2\_reverse\_121650\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcattcgctgccgcataccattattcttgatctgacggaagtctttttgtaacaattcaAacttctttgatgtaaacaaa

>ECK125137993\_arpAp8\_reverse\_4222513\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atatttctttagttgtaatcatattaaattttttcactgttctgatagttaaaattcaagAcatcaataaacaatgagata

>ECK125137994\_arpAp9\_reverse\_4222691\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaataagggtgtctgttaatcgcattgacgccaaaataacttaatgtcatacacttcacAcacttttattaactcagcat

>ECK125135022\_arrSp\_reverse\_3658054\_[HIPP|W|Human inference of promoter position]\_Weak

caagaataagttatcaataaccagtttgtgatctctgaagaatattactaaagttaaaatGtaatccgatttaaatatcga

>ECK120010685\_arsRp\_forward\_3648512\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cattcgttaagtcatatatgtttttgacttatccgcttcgaagagagacactacctgcaaCaatcaggagcgcaatatgtc

>ECK120015422\_artJp\_reverse\_900626\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

catttaaattatttaatcatgtttattgcatataaattcacttgatggcattgttatcccAtgccgcagacacggccaaaa

>ECK120015421\_artPp\_reverse\_903769\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttttaacttttaaagcagaaatattgcataattattctgtcaaaggtactatcttcgaccTcaatagctatcagactgcca

>ECK120016938\_ascFp\_forward\_2839429\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ataaaaaatgaacaattcactctcttgcttatttagtgacaactattcatgattttgtgaAaccggtttcttaattccgtt

>ECK120016939\_ascGp\_reverse\_2839287\_[AIPP|W|Automated inference of promoter position]\_Weak

aatatttttcccgccgattgtgcaaggacaatcggcaaacggtgcagtacactgcgttgaTtgcgtgtaaagggatgaaaa

>ECK120010178\_asnAp\_forward\_3927129\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gagttaggctttttattgaatgattattgcatgtgtgtcggtttttgttgcttaatcataAgcaacaggacgcaggagtat

>ECK120010179\_asnCp\_reverse\_3927031\_[TIM|S|Transcription initiation mapping]\_Strong

tcattcaataaaaagcctaactcacttttgattcattaaaaaagaaggctaaaatagaatGaatcatcaatccgcataaga

>ECK120010591\_asnTp\_forward\_2044541\_[HIPP|W|Human inference of promoter position]\_Weak

aatgacttatgaaatttagtgttgacagacaaggtaccgctaagtaatattcgccccgttCacacgattcctctgtagttc

>ECK120010592\_asnUp\_forward\_2059845\_[HIPP|W|Human inference of promoter position]\_Weak

ttggggaatttaaaaatcgggtttgacaaaagatttttcgccgttaagatgtgcctcaacAacgattcctctgtagttcag

>ECK120010593\_asnVp\_forward\_2062252\_[HIPP|W|Human inference of promoter position]\_Weak

caaaaaaatgcatttcaccctttgacatcaccatgcactgccattaatatgcgccccgttCacacgattcctctgtagttc

>ECK120010218\_aspAp\_reverse\_4368432\_[TIM|S|Transcription initiation mapping]\_Strong

accgacacttaaagtgatccagattacggtagaaatcctcaagcagcatatgatctcgggTattcggtcgatgcaggggat

>ECK120010586\_aspVp\_forward\_236913\_[HIPP|W|Human inference of promoter position]\_Weak

ttcaaaagatgagaaaaaccgttgacgaaggtcgaggcaatccgtaatattcgcctcgttCccaacggaacacaacgcgga

>ECK120009851\_astCp1\_reverse\_1832013\_[HIPP|W|Human inference of promoter position]\_Weak

ggctggcacgaaccctgcaatctacatttacagcgcaaacattacttattattaacatatAaataacgaattatttactgt

>ECK125137912\_atpCp1\_reverse\_3916059\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctccctgaaagacaccatccgtggctttaaaggcatcatggaaggcgaatacgatcacctGccggagcaggcgttctacat

>ECK120010417\_atpIp\_reverse\_3922525\_[TIM|S|Transcription initiation mapping]\_Strong

ttattcaccttttggctacttattgtttgaaatcacgggggcgcaccgtataatttgaccGctttttgatgcttgactcta

>ECK125140837\_azoRp\_reverse\_1482904\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaacataggcttcgatttattgcgctatctctgtggcaggattgtgaataaagtgtcaacAagcaacggggcatcgcccat

>ECK125095432\_azuCp\_reverse\_1988001\_[TIM|S|Transcription initiation mapping]\_Strong

tttatgtgatttgtatcacataaagattgatttttgtgatggttgtcatattataagcgcAaagacaataacacctgtata

>ECK125138022\_basSp4\_reverse\_4333477\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgtcaggtatggatgggcggtgaagagttgattctgacgcccaaagaatatgctctgctGtcacggttaatgctcaaagc

>ECK125137855\_baxp5\_reverse\_3737221\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttggggtgctcttgacagctatttttgatatgatttgagattcaactctcaaatttgtgaAaaatataaggtgttggaatg

>ECK120010674\_bcpp\_forward\_2600437\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

attgagcaagcgttcaaagccctatgtacagaactcaatgcacaaggcagtattaacgtcGtcaattattcccaacatgat

>ECK120016406\_bcsBp\_reverse\_3692673\_[AIPP|W|Automated inference of promoter position]\_Weak

agggcatattccgtgtgctgacttctctggtttcctgggttgtatcgtttattccgcgccGcccggagcggagcgaaacgg

>ECK125137836\_bcsEp11\_forward\_3696395\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatcacacgtcttgtgaccttctaaattgattcacatgctaaatctgataagttttaaTttcaatggtaggtttatttc

>ECK125203424\_bcsEp2\_forward\_3696443\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gataagttttaatttcaatggtaggtttatttcttagctttcgctagtaaactgataatcAgacaaaatggtgacatgagg

>ECK125137835\_bcsEp8\_forward\_3696322\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacggcgagacgggaatttgctcactttttgactttccgttacgcaacagaaaaagttaaAaacgaaaagactaaaatcac

>ECK125095201\_bdcAp\_reverse\_4474064\_[AIPP|W|Automated inference of promoter position]\_Weak

ttacaaaacctgttgacagaaagttaaaacagttttgtaatgcatgttacataataaatcAaggagtccttatgggcgctt

>ECK125136459\_betAp7\_reverse\_327257\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacacccaggtgaagtccatccaggttgagatggctaaattccagtccatattctaaccaGgaggtttatttgcaatttga

>ECK120010181\_betIp\_reverse\_329361\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgtaacaattaagacacattttatattgaacgtccaatcaataaccgctttaatagataaAcaccgctgatgaatggagtg

>ECK120010182\_betTp\_forward\_329421\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttatctattaaagcggttattgattggacgttcaatataaaatgtgtcttaattgttacGaatttgattttaaatagtaa

>ECK125137742\_bfrp3\_reverse\_3466749\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggagtccgcataaacggagtgtgttttttgacttactcgtaagccgttctactcttcaaaGagtggaagcgaaggagtcaa

>ECK120015385\_bglXp\_reverse\_2222120\_[HIPP|W|Human inference of promoter position]\_Weak

cactccttgtggtggcgaaaaaatatcacaaactagaatagcgccttgtataacaattcaGcgagtgaatattttgaaaat

>ECK125136763\_bhsAp8\_forward\_1168981\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctttctatttaactgaaatttaaagatttttaaattaattaatgattgttataaaaaatAtcttgtatgtgatccagatc

>ECK125136764\_bhsAp9\_forward\_1169019\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

attaatgattgttataaaaaatatcttgtatgtgatccagatcacatctatcatttagttAtcgatcgttaagtaattgct

>ECK120010997\_bioAp\_reverse\_809292\_[HIPP|W|Human inference of promoter position]\_Weak

gtgagccatggggcttctccaaaacgtgttttttgttgttaattcggtgtagacttgtaaAcctaaatcttttcaatttgg

>ECK120010998\_bioBp\_forward\_809302\_[HIPP|W|Human inference of promoter position]\_Weak

gatcgtccgttgtcataatcgacttgtaaaccaaattgaaaagatttaggtttacaagtcTacaccgaattaacaacaaaa

>ECK125137841\_bisCp3\_reverse\_3716486\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgttaatccttaataacctttttattctttgccacgggttccgtggcgggagattatgccGcgtgaacatgaagattattc

>ECK125137844\_bisCp7\_reverse\_3716513\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcaataagataaacacgtttcttcattgttaatccttaataacctttttattctttgccAcgggttccgtggcgggagat

>ECK125158027\_bluFp\_reverse\_1215506\_[TIM|S|Transcription initiation mapping]\_Strong

aaacggttatgttttggtattaaaagaaagacacaagaagatatgtctgttaccgtcttaCtctcgcctcacccattaccc

>ECK125136804\_bluFp7\_reverse\_1215613\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaaacaatgtgttatgataaaacatattgcatcatttaactgacaatctatacaagattTttcgccaactagtgttcaac

>ECK120034206\_bluRp\_reverse\_1214113\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcatccaatttagctgaaatcttatttatactttgtacaattttagcgtatattgtacaaAgtattattgggtcgtgtaca

>ECK120027939\_bolAp2\_forward\_454349\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ctggtaaaagaaacactgatgcgaggcctgtgtttcaatctttaaatcagtaaacttcatAcgcttgacggaaaaaccagg

>ECK125136658\_bssRp5\_forward\_878246\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgctcaaaaaatagccatactatttaattgcaacaaggctgggaagaggaggatcgaaGtatgttcgttgacagacagc

>ECK120034201\_bssSp\_reverse\_1121020\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttatctgtttccccctttaaaaattcggtgaatacccttacttattggtatactgaagttGcttcagataaaaacgcattg

>ECK120010438\_btuBp\_forward\_4163399\_[TIM|S|Transcription initiation mapping]\_Strong

gaattcctatttgtgagctacgtctggacagtaacttgttacaacctgtagcatccacttGccggtcctgtgagttaatag

>ECK120010564\_cadBp\_reverse\_4360106\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

tttgtgttatttcacctaatctttaggattaatccttttttcgtgagtaatcttatcgccAgtttggtctggtcaggaaat

>ECK120010183\_cadCp\_reverse\_4361963\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ataatatgtaaataaacccatctatagatggtaaaaataggttgtggcaattatcattgcAtcattcccttttcgaatgag

>ECK120010686\_caiFp\_forward\_34218\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gatgacataagcaggatttagctcacacttatcgacggtgaagttgcatactatcgatatAtccacaattttaatatggcc

>ECK120010472\_caiTp\_reverse\_42037\_[TIM|S|Transcription initiation mapping]\_Strong

cgaaacaaaaatgtgataccaatcacagaatacagcttattgaatacccattatgagttaGccattaacgcgtccacgagg

>ECK120010176\_carAp1\_forward\_29551\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taatataaaaaatcccgccattaagttgacttttagcgcccatatctccagaatgccgccGtttgccagaaattcgtcggt

>ECK120010111\_carAp2\_forward\_29619\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaaattcgtcggtaagcagatttgcattgatttacgtcatcattgtgaattaatatgcaaAtaaagtgagtgaatattctc

>ECK125109146\_casp\_reverse\_2884319\_[TIM|S|Transcription initiation mapping]\_Strong

tttctttaataataaaacgaataacttgcagatttgaaatgcatgcattattgtctttaaAcaattcaacacatcttaata

>ECK120010675\_cblp\_reverse\_2060941\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tggaataagatgcgggtttttattatttgttatgccgggcattagactttaacaataacgGgaaatctgaactgcccggag

>ECK120010474\_cbpAp1\_reverse\_1063833\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

gatgatttcaataacatattctgtgttggcatatgaaattttgaggattaccctacacttAtaggagttaccttacagggg

>ECK125160651\_cbpAp4\_reverse\_1063919\_[TIM|S|Transcription initiation mapping]\_Strong

tggttcaactatcaaaaatcgctcaccctttttcacctgtttaaaatatgttcagcaaccCatcttgatggcgacctcctc

>ECK125160650\_cbpAp6\_reverse\_1064037\_[TIM|S|Transcription initiation mapping]\_Strong

ttccaggcctgtttcaaataattatttgcagtgcaactaattccatgtatattactacccAtatatagcgtctataaaatt

>ECK125137907\_cbrBp3\_forward\_3897479\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggttgggatattacggcatagttcttcacactcccttcacttaccccgcttaaattggcgCtcaaaggtaagtaaagggag

>ECK120010619\_cddp\_forward\_2231819\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcataattaatgagattcagatcacatataaagccacaacgggttcgtaaactgttatccCattacatgattatgaggcaa

>ECK125136392\_cdsAp2\_forward\_195561\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcattagtaactttttgctttggcaaattgcctatgccgaactttactttacagatgttcTctggcccgatttcgatgaac

>ECK125230250\_cecRp\_reverse\_830669\_[HIPP|W|Human inference of promoter position]\_Weak

cgttgctaaaattcttagccatactggacaactcccctatggagtcataatcttaatcaaTcatttgattaagaatggact

>ECK120010764\_cedAp\_reverse\_1813742\_[HIPP|W|Human inference of promoter position]\_Weak

tagaccaccagccagatcccgcttcggagactattctggaaacggtgttatgaaatacacGcaaagcgggacgtacagggg

>ECK120009948\_chiAp\_reverse\_3469896\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttttaatgccgtaatttaattcatattgaagggttctcgtaaaacgtaaataattcctgcGtaggacttttgttttgcagt

>ECK120032976\_chiXp\_forward\_507204\_[TIM|S|Transcription initiation mapping]\_Strong

aaaagagtcatcttgcctaagagtattggcaggatggtgagattgagcgacaatcgagttAcaccgtcgcttaaagtgacg

>ECK120035107\_chop\_forward\_1823492\_[AIPP|W|Automated inference of promoter position]\_Weak

gtaacctttgtcatcgacccgcctcttttttaatcgcttcccgcctgttacactggatagAtaaccagcattcggagtcaa

>ECK120009877\_chpSp1\_forward\_4448402\_[HIPP|W|Human inference of promoter position]\_Weak

atctattaacgcataaaaaactctgctggcattcacaaatgcgcaggggtaaaacgtttcCtgtagcaccgtgagttatac

>ECK120009878\_chpSp2\_forward\_4448428\_[HIPP|W|Human inference of promoter position]\_Weak

tggcattcacaaatgcgcaggggtaaaacgtttcctgtagcaccgtgagttatactttgtAtaacttaaggaggtgcagat

>ECK120010113\_cirAp1\_reverse\_2246929\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggatataaaatttaacatttggattgataattgttatcgtttgcattatcgttacgccgcAatcaaaaaaggctgacaaat

>ECK125136564\_citTp6\_reverse\_646603\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgatccttacctggtttttagcacagatttaattatttaagcacttgataaatttggaaAtattaattttcggagaaccc

>ECK125136382\_clcAp10\_forward\_175052\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttagagtataaaagttttgtgcatttgaaacattacgctttgcaaaggattttcatggAacgtgcgagtaaaatgccgt

>ECK125137205\_cldp6\_reverse\_2098375\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagggctatttacgccctgattgtcttttgttacttacacaacaattcattatttttatcActtatcctatagcattcacg

>ECK120010537\_clpAp1\_forward\_923080\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttacactccgatggagtttgttattgacgtgttacaaaaattcttttcttatgatgtagaAcgtgcaacgcaattgatgct

>ECK120010295\_clpPp1\_forward\_456577\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

accgtgcgaaaagcctctttcggtgttagcgtaacaacaaaagattgttatgcttgaaatAtggtgatgccgtacccataa

>ECK125136671\_clpSp6\_forward\_922750\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agagaattagggcgagccgtcaagcatttgacaggggacaaggggcaggtatgaatcaaaAatttgaagcagttaacgcta

>ECK120010702\_cmkp\_forward\_961165\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaactggtttttgcacacaacgttaacgatttgtggcgtcggcgcgtataatgcgcgcggTtatgttaacggtacgcctgt

>ECK120010689\_cmoMp\_forward\_973404\_[HIPP|W|Human inference of promoter position]\_Weak

acatcagcggaagtggcagcaacatattgccaatcacttttttcagtgtaaaaagcatccTttctggttccttttttaacc

>ECK125137026\_cnup10\_forward\_1704812\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attatcttgttcgatgttgttggtgattgtcagggatagtaaagcgcgttactcttttcaGagcagtttttcatccctgaa

>ECK125137023\_cnup7\_forward\_1704873\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcagtttttcatccctgaatatttgccatcagcgcattcttattattgtaataacacaaGcgttcacttttggtgaaatt

>ECK125137025\_cnup9\_forward\_1704761\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcccgtccgggtgcatgttttcacttgtcggatattaaaccaggaatttattatcttgTtcgatgttgttggtgattgt

>ECK125137197\_cobTp8\_reverse\_2064601\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccgctatttttgctgccgtattattgccgggtatgcatggtgtggctgctatggtggtgAcgatggtggcgattttcatc

>ECK120016352\_cobUp1\_reverse\_2065874\_[HIPP|W|Human inference of promoter position],[FP|S|Footprinting]\_Strong

aagtctggctattccgtaatgccatcttatttcgtaatggattgagaatgctggatttttAattatattacgcgcagtatt

>ECK120016353\_cobUp2\_reverse\_2065972\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gttgttccggcagtagcattaattcattatctgaatgaaatgtgtcaatccacagaaaccGctgtcaatgacgcattttgt

>ECK120010248\_codBp\_forward\_354884\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaaaatatatttccccacgaaaacgattgctttttatcttcagatgaatagaatgcggcgGattttttgggtttcaaacag

>ECK125136789\_cohEp8\_reverse\_1202955\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacctccggtgtacatattacatgattgaaatgaaccttcaagatacttgtaccttaacgGtacaagggttttaatttcgt

>ECK125136790\_cohEp9\_reverse\_1203014\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggccaactcgccctgctgttctttggttaaagagtcccaatacgctttcatacaatatgtAcctccggtgtacatattaca

>ECK125136762\_comRp3\_reverse\_1168863\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcaattatttttatgggatctggactggtgaacggaggtgattatttttataataacctTtcattcacagtcaccaggta

>ECK120010641\_copAp\_reverse\_511411\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acccgcctggtttattaatttcttgaccttccccttgctggaaggtttaacctttatcacAgccagtcaaaactgtcttaa

>ECK120010545\_corAp\_forward\_4001194\_[HIPP|W|Human inference of promoter position]\_Weak

gttctgtggtgttctgttgcgtgttgacggcaaaattttgctggcgtaacatgcgcgcacGatcactctaagaggacattc

>ECK120010185\_cpdBp\_reverse\_4436629\_[TIM|S|Transcription initiation mapping]\_Strong

tgcgccaactgtgatagtgtcatcattttcaaagcgtaaaattgtggcattcttcactgtTctataagtaagacgtttatt

>ECK120010879\_cpxPp\_forward\_4105785\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctttacgttgttttacaccccctgacgcatgtttgcagcctgaatcgtaaactctctatcGttgaatcgcgacagaaagat

>ECK125136565\_crcBp3\_reverse\_657998\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagcaaactgtcctgcggcaaccagcattgccacctcctgtcagagtcgtaaaattcgccAacgacgattattcggcgtta

>ECK120010546\_creAp\_forward\_4635477\_[HIPP|W|Human inference of promoter position]\_Weak

ttagggcttgacggaaataaaagtattgagattttgttcttaatcaatatgttatttaccGtgacgaactaattgctcgtg

>ECK120010184\_crpp1\_forward\_3485953\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gggtcatgctgaagcgagacaccaggagacacaaagcgaaagctatgctaaaacagtcagGatgctacagtaatacattga

>ECK125137495\_csdAp3\_forward\_2943207\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcttctccttaaagcgattaataaatcttaatagtattgattaacaggctaaaattaacGcctaacactattcagcatat

>ECK120010676\_csiEp\_forward\_2665401\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cttgccaacatttctgatgattagcattcccttcgccatttccttgagcaaactttagctAttcttatcaattatgcttat

>ECK120010399\_cspAp1\_forward\_3719889\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aatcataaatatgaaaaataattgttgcatcacccgccaatgcgtggcttaatgcacatcAacggtttgacgtacagacca

>ECK120010400\_cspAp2\_forward\_3719940\_[TIM|S|Transcription initiation mapping]\_Strong

atgcacatcaacggtttgacgtacagaccattaaagcagtgtagtaaggcaagtcccttcAagagttatcgttgatacccc

>ECK125137116\_cspCp8\_reverse\_1907509\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagtcctgagtaaacacgttgacgttgaataccgcttctctgccgagccttatattggtgCctcatgcagtaatgtgtcag

>ECK120010540\_cspDp\_reverse\_922676\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgccccttgtcccctgtcaaatgcttgacggctcgccctaattctctaaattgtatttctAgagttggcgaggttttgaac

>ECK120034386\_cspEp1\_forward\_657147\_[AIPP|W|Automated inference of promoter position]\_Weak

gtactttgcctggatgcgctttcagttttgagacaaatgaagttttagtaacttctttaaAatcaatagctaaaataagta

>ECK120034385\_cspEp2\_forward\_657250\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tatcactttttagtaaagttacactggacaaagcgtaccacaattggtgtactggtaaccGacacagcatttgtgtctatt

>ECK125136996\_cspFp6\_forward\_1641765\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcaaaccgacgcaatcattaacgcatagttgaacatatgaagcaatgtttattttagacAtccagccatcttcaacccca

>ECK125136997\_cspFp7\_forward\_1641690\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actcaaagaaggaataagtgaataacacctgaaatgagaactgctttagtaaactacttcGtatatcgtctgttcttcaaa

>ECK125136714\_cspHp10\_reverse\_1051278\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actactttgtatgctgtctgtctttcaaaccgacgcagctattaacgcatgataattgagAttaagcaaattttattttag

>ECK125136713\_cspHp9\_reverse\_1051330\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagagactcaaaagaaggggataatgcctgataatgagaactgctttagtaaactactttGtatgctgtctgtctttcaaa

>ECK125138139\_csrAp1\_reverse\_2819373\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tacctgcagcgttagccagtgtgaaaggctgggtcagcgcgaaattgcaataatataagcGtcaggcaatgccgtggactc

>ECK125138142\_csrAp5\_reverse\_2819189\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttagatgtaatgtgtttgtcattgcttactttttggcgttatatgatggataatgccgggAtacagagagacccgactctt

>ECK120010043\_csrBp\_reverse\_2924524\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ccttaaggcattgtctgtaagcgccttgtaagacttcgcgaaaaagacgattctatcttcGtcgacagggagtcagacaac

>ECK125137724\_csrDp4\_reverse\_3403425\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataagtggtcctcatgtgcatgatggattggaaaataatttctgaagactatactcgctaAtggaaaagcaaagccgatga

>ECK120010099\_cstAp2\_forward\_629864\_[TIM|S|Transcription initiation mapping]\_Strong

atttacatggttgctgtgttgttaaattgtacaaagatgttatagaaacaaaatgtaacaTctctatggacacgcacacgg

>ECK125136514\_cueRp6\_forward\_513974\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatattcgcactggcaaaaaaacgtgcttgaatatctgttgaaaccctttaacaaagcacAggaggcgttgcgcgaacgat

>ECK120009908\_cusCp\_forward\_595573\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgacaattttgtcatttttctgtcaccggaaaatcagagcctggcgagtaaagttggcggCataaaatcaccagaaattat

>ECK120009909\_cusRp\_reverse\_595462\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaaattgtcattttgccaataagcgattgccatctgatcccgctactctagaattgcccgGgcaacatgcggaggaaatat

>ECK120010701\_cutAp\_reverse\_4365392\_[TIM|S|Transcription initiation mapping]\_Strong

cacgccccgctttctttcccgccgactaacatccttcccccgtccgttgtatagtgacctCtctcttgcggttccatctgt

>ECK125137150\_cutCp2\_reverse\_1959267\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catccgtggtccattgaagagatcgttgccagcgagcagtcggcgtaattaaggagtaaaAatggcattactggaaatttg

>ECK120010571\_cvpAp1\_reverse\_2430800\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

attgatgcgcgggaaggaaatccctacgcaaacgttttctttttctgttagaatgcgcccCgaacaggatgacagggcgta

>ECK125136817\_cvrAp6\_reverse\_1242164\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataacacccgggaaggcactcagttgacgattagcggtcatcctgttcttaaaatgtaaaAaaatcacgcttcagggctaa

>ECK120010114\_cyaAp\_forward\_3990999\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tacacttgtatgtagcgcatctttctttacggtcaatcagcaaggtgttaaattgatcacGttttagaccattttttcgtc

>ECK120030659\_cyaAp2\_forward\_3990774\_[TIM|S|Transcription initiation mapping]\_Strong

cagagtgcaagtgggctttggcgtgtggcaattcttaaaacattgtctaacatgcttgttAccgtcattatcatccgtggt

>ECK125137921\_cyaYp5\_reverse\_3994083\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gaacgcagccgcagaggtgcaaactttgaagccctgaccccatgccgctatactgccgccAtcacttaaaaacaggataca

>ECK125136921\_cybBp6\_forward\_1490887\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtgaacaatatttaatgaaattttgagaaaagcccgttatgttaacggaaaattatgttAaagcaggaaatgttatggaa

>ECK120010168\_cydAp1\_forward\_771170\_[TIM|S|Transcription initiation mapping]\_Strong

ttgatatttatcaatgtataagtcttggaaatgggcatcaaaaagagataaattgttctcGatcaaattggctgaaaggcg

>ECK120010700\_cydAp2\_forward\_771284\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atgcaaatttgcttcaacaaaaacctgtttattgtaaggattttgcggcgtaatatatacGtgggatcaatttgagttttt

>ECK120009951\_cydAp3\_forward\_771202\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gggcatcaaaaagagataaattgttctcgatcaaattggctgaaaggcggtaatttagctAtaaattgatcaccgtcgaaa

>ECK120009953\_cydAp5\_forward\_771368\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aacatgtttgcaacctttctttacgccgtttttgtgtgcattcacatggtatgatgaaagTgttcaaacaaatttctattg

>ECK120010773\_cydDp\_reverse\_931031\_[TIM|S|Transcription initiation mapping]\_Strong

aaaataattttacaaatcagtaacaaaagtaaagaaggcgacaccatgcgactatgggtcGcctttattttttccccgttg

>ECK120010204\_cynRp\_reverse\_358709\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aggcagactactcgccgattgtcataaggtaaaagtctcatttatgatgagttccattggAtttacttataggttgcgaat

>ECK120010203\_cynTp\_forward\_358773\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atggaactcatcataaatgagacttttaccttatgacaatcggcgagtagtctgcctctcAttccagagacagacagaggt

>ECK120010169\_cyoAp\_reverse\_451653\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tccaagtaacaggaatttaatcatgtttacagtaatgtaaccttcccgtaaaatgcccacAcactttaaacgccaccagat

>ECK125136489\_cyoEp3\_reverse\_447770\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatgaaggctggaacatgacggcgtttgtcttcaccgtgctaatcatcgctatcctggttGtaggctccatctggattatg

>ECK120010149\_cysBp\_forward\_1333788\_[HIPP|W|Human inference of promoter position]\_Weak

atacactaaggctataaatgatatagtggttatagttagcaccttttttattattaaatcGtattagtcacccgccaggtg

>ECK120010206\_cysDp\_reverse\_2876368\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aactactcattctaattggtaatttcattcgttctcttacgctccctatagtcgaaacatCtgatggcaagaaaatagcgg

>ECK120015375\_cysGp1\_forward\_3497754\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[IMP|W|Inferred from mutant phenotype]\_Confirmed

tgggtaatactttatcaggtgccgtattcatgggattgggttattggtatgctacgccgaAagcgaatcgtccggttgcgg

>ECK120010150\_cysJp\_reverse\_2891964\_[TIM|S|Transcription initiation mapping]\_Strong

ggttattagttatcgctatcccgtctttaatccacaccgtttgccccgttaaccttacctTctcttctgttttatgggcgc

>ECK120010151\_cysKp1\_forward\_2532377\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtatatagatatgctaaatccttacttccgcatattctctgagcgggtatgctacctgttGtatcccaatttcatacagtt

>ECK120010205\_cysPp\_reverse\_2543557\_[TIM|S|Transcription initiation mapping]\_Strong

accaaacggtatataaaaccgttactcctttcacgtccgttataaatatgatggctattaGaaagtcattaaatttataag

>ECK120010430\_cytRp\_reverse\_4124509\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cacacttttcatgaaaattctgtaaccgttttcacgcgctatctgctaaaaatgttgccgAtgtgaagtaaacatggatgt

>ECK125136575\_dacAp3\_reverse\_664001\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gttaacaaagtcacgcggaaagtcagatgcctgccggtagtgcatttgctatagtagggcActtttttaattccatcacgg

>ECK120022294\_dacCp\_forward\_880653\_[AIPP|W|Automated inference of promoter position]\_Weak

gcaggatattgcataaactttaaaaactttaccaacttacggtttctttaagtttgtgtgTgcgttattaatcaccaaact

>ECK120010721\_dadAp1\_forward\_1237509\_[TIM|S|Transcription initiation mapping]\_Strong

tcagggagatgtgagccagctcaccataaaaaagccgcatgttgaataatattttcaactGagttatcaagatgtgattag

>ECK120010722\_dadAp3\_forward\_1237538\_[TIM|S|Transcription initiation mapping]\_Strong

aaaagccgcatgttgaataatattttcaactgagttatcaagatgtgattagattattatTcttttactgtatctaccgtt

>ECK120010644\_damXp\_reverse\_3517600\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgcggacgtcggaacgtctcgggcagtttagttctgccgaaacgcagcgtattataacccTgctcaagcgggctgggttac

>ECK120010645\_damp1\_reverse\_3516252\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agaccgcaggtaatgttggttcgttgaaatcggcaccgtccagccattacactctgcagcTgagcagttcctctaactacg

>ECK120010646\_damp2\_reverse\_3515982\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aggtacaggccgatctgaagtaatcaaggttatctcccgcaatggtttatcgttgcgggaGttgcctgaagcgctggatgc

>ECK120010360\_dapAp\_reverse\_2599784\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aacaatcagaacggttctgtctgcttgcttttaatgccataccaaacgtaccattgagacActtgtttgcacagaggatgg

>ECK120010274\_dapBp1\_forward\_28343\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atttctaattatcagcgtttttggctggcggcgtagcgatgcgctggttactctgaaaacGgtctatgcaaattaacaaaa

>ECK120030657\_dapBp2\_forward\_28288\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgcagtcattcatcgactcatgcctttcactgatatccctccctgtttatcattaatttcTaattatcagcgtttttggct

>ECK120010284\_dapDp\_reverse\_185977\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgcagcaggaagtgcatcagcggttgacagaggccctcaatccaaacgataaagggtgaTgtgtttactgatatgaaaag

>ECK120030660\_dapEp\_forward\_2591560\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position]\_Strong

aaatgcctgcaattatcaaacgtccattgctctgcgtgcccggtaagcctatgctgctggGtttcagtgattccagttatc

>ECK120009885\_dctAp\_reverse\_3683498\_[TIM|S|Transcription initiation mapping]\_Strong

ttgtttcaattatgatccaggtacatttctgtgatgttgtctgggtgttattttaaggccGcaggtaccccataaccttac

>ECK120010755\_dcuAp\_reverse\_4366843\_[TIM|S|Transcription initiation mapping]\_Strong

aagcgaacagtaatcgtacagggtagtacaaataaaaaaggcacgtcagatgacgtgcctTttttcttgtgagcagtaact

>ECK120010567\_dcuBp\_reverse\_4348764\_[TIM|S|Transcription initiation mapping]\_Strong

gaaaacagttcatacaaaacagaacgtgactgtgatctattcagcaaaaatttaaataggAttatcgcgagggttcacaca

>ECK120009913\_dcuDp\_forward\_3374766\_[HIPP|W|Human inference of promoter position]\_Weak

tacaaaataatcataagcgcatattttttaatgaaaaatcacctcacctacaattaaaaaCacgacatccgcaccataaat

>ECK120033033\_dcuRp\_reverse\_4350565\_[TIM|S|Transcription initiation mapping]\_Strong

acgatcccacgaatttatgaataaattgcatgtgattctcggattattgcatctgaagagTtataagcagttggaagatta

>ECK120016339\_dcuSp\_reverse\_4351685\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atatagccaatcattcttactccctttgaattacccgcctcatcagagataatgcttaagAaatttgtcacacaaggaagc

>ECK125137339\_dedDp3\_reverse\_2431875\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatattgccggaactctggcctggttgaaaagcgtggttgatgactggtattgtgcgccActggaagggccgcgcggtgc

>ECK120029527\_defp\_forward\_3433650\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caatctttgcgattggtcagtgatgctgtcaatcagagggggatttgtctagaatagaagAaataatctttctaactcctg

>ECK125165391\_degQp\_forward\_3380698\_[TIM|S|Transcription initiation mapping]\_Strong

gactatcatttaatctggtgtctcattgttagccgtctgaaaattcaataacatcaaactGttttgaatctcttttcttat

>ECK125165392\_degSp\_forward\_3382173\_[TIM|S|Transcription initiation mapping]\_Strong

tcgtaaaccgggcatcaggcttacgtgtgatgtccggttaactcgtggtatgctgctgccGttcccttttttaatgacgcc

>ECK120010451\_deoBp\_forward\_4619567\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcaccggaaagcacaccaactgtctatcgccgtatcagcgaataacggtatactgatctgAtcatttaaatttgaagcact

>ECK120010115\_deoCp1\_forward\_4616679\_[TIM|S|Transcription initiation mapping]\_Strong

gaggtaacgccagaaacgttttattcgaacatcgatctcgtcttgtgttagaattctaacAtacggttgcaacaacgcatc

>ECK120010116\_deoCp2\_forward\_4617278\_[TIM|S|Transcription initiation mapping]\_Strong

gatttccttaattgtgatgtgtatcgaagtgtgttgcggagtagatgttagaatactaacAaactcgcaaggtgaatttta

>ECK120029865\_dgcZp\_reverse\_1623879\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aacttcggatttctatgaaaatattgacgtaattttgcttttctctcgttagaatagcgcGcacaaggaactgtgaaaaag

>ECK120029294\_dicBp\_forward\_1649597\_[TASES|W|Traceable author statement to experimental support],[HIPP|W|Human inference of promoter position]\_Weak

attgttaactggttaacgtcacctggaggcaccaggcactgcatcacaaaattcattgttGaggacgcgataatgaaaacg

>ECK125158031\_dicCp\_reverse\_1647876\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

catagttagctaatgctaaatcgtattgactatgtttttgttaacatctatcttgttagtTatgactaacaataaaggtgt

>ECK120051380\_dinBp\_forward\_250880\_[AIPP|W|Automated inference of promoter position]\_Weak

cgcgttaaatgctgaatctttacgcatttctcaaaccctgaaatcactgtatactttaccAgtgttgagaggtgagcaatg

>ECK120010093\_dinGp\_forward\_833073\_[HIPP|W|Human inference of promoter position],[AIPP|W|Automated inference of promoter position]\_Weak

ctgaaaaccgaaaaatgccacaatattggctgtttatacagtatttcaggttttctcatgGcattaaccgccgcgcttaaa

>ECK120035104\_dinIp\_reverse\_1121509\_[IHBCE|W|Inferred by a human based on computational evidence],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

aaacaataaaaatcgtagcttcctgttgtcattaggttattttacctgtataaataaccaGtatattcaacagggggctat

>ECK120049203\_dinJp\_reverse\_246615\_[AIPP|W|Automated inference of promoter position]\_Weak

gtatcccggatcgtttctgaacaaacttaataaaccattattataaaattaacatatataTttcagttaattatgtaaaaa

>ECK120015518\_dinQp\_reverse\_3647982\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

actgaaactattgcaaggacgtgctggttttataacctgcatgtactgtatgattatccaGttagctctgaggcattttca

>ECK125136360\_djlAp3\_forward\_57268\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatagcgtcagtggtgttaggcacggcattgaatgacaggtatgataatgcaaattatagGcgatgtcccacaattgaccg

>ECK120034549\_dksAp2\_reverse\_160657\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgtcaagtgttacgtttagataattgctatccggaaaagcatctgctatttatagcggcCtcatttttcccccgaacatg

>ECK125145775\_dksAp3\_reverse\_160751\_[TIM|S|Transcription initiation mapping]\_Strong

cttaaaaaatcactgccggttacattgtagtaaagtaagtaactggttaatttacattctGgtcgcgtgcgcaaatacgct

>ECK125137252\_dldp7\_forward\_2222082\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagcgaaaatggtgcaaaaaccgtagtttgccataagcatgatggagagagaaaaagaatGctcagtttattgtctgaatt

>ECK125137105\_dmlRp3\_reverse\_1881855\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcattgggttctcacttcctgaccatcaaaattgacaacatcaccatcctataattgactGaaaaggaattaatccccgta

>ECK120010117\_dmsAp1\_forward\_940823\_[TIM|S|Transcription initiation mapping],[NTAS|W|Non-traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttttgtctccctttgataccgaacaataattactcctcacttacacgtaatactactttcGagtgaaaatctacctatctc

>ECK120010410\_dnaAp2\_reverse\_3883882\_[TIM|S|Transcription initiation mapping]\_Strong

ataaatcgggaaaatctgtgagaaacagaagatctcttgcgcagtttaggctatgatccgCggtcccgatcgttttgcagg

>ECK120010407\_dnaNp3\_reverse\_3882562\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caggaaaaactggtcaccatcgacaatattcagaagacggtggcggagtactacaagatcAaagtcgcggatctcctttcc

>ECK120010406\_dnaNp4\_reverse\_3882348\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gccgtaagatcgagcagttgcgtgaagagagccacgatatcaaagaagatttttcaaattTaatcagaacattgtcatcgt

>ECK120010490\_dppAp\_reverse\_3707870\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tggtgtaaatcccggttggctgtattgacgttttcacattctgttgacagattgtaggtcAcgaggggcattttatggagg

>ECK120010234\_dpsp\_reverse\_848950\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attagtgtgataggaacagccagaatagcggaacacatagccggtgctatacttaatctcGttaattactgggacataaca

>ECK120009857\_dsbAp\_forward\_4043377\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttactggctgcgacagacggcgacttttatagaacaggcaaaagttctacaagaacccccTttgcaattaacacctatgta

>ECK125136815\_dsbBp6\_reverse\_1233147\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatgcaaatgggctggatagcaacgctttgataacaacttaccgggcatataaatgcccGgtttgccttttcgcccgata

>ECK120010208\_dsdAp\_forward\_2479121\_[TIM|S|Transcription initiation mapping]\_Strong

ctggctagtgaagcaatattgcggcgctacgctcaatgaaacatttaaatactatacgacAgcgacatttatcgcttcagt

>ECK120011037\_dsdCp\_reverse\_2477746\_[AIPP|W|Automated inference of promoter position]\_Weak

aaaaaacaacgcaggctgacaaacgataaaatttgcctttcacatgaggtaaattgcatcAatggagtgatttacatctaa

>ECK120010460\_dsdXp\_forward\_2477821\_[TIM|S|Transcription initiation mapping]\_Strong

catgtgaaaggcaaattttatcgtttgtcagcctgcgttgtttttttgtccaatatcatcAggttaatcacaggggaaggt

>ECK125108717\_dsrAp\_reverse\_2025313\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttaatcattcatatggcgaatattttcttgtcagcgaaaaaaattgcggataaggtgatgAacacatcagatttcctggtg

>ECK125136605\_dtpDp5\_reverse\_742622\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtatatttatgcaatcagacagcatattgcataaataatcagatctgtatcaaagttttaActttaaggaaacacaagcac

>ECK125136607\_dtpDp8\_reverse\_742670\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgacgccaaaagacgcaaattgtttatatcatcacgcttcagctaatgtatatttatgcAatcagacagcatattgcata

>ECK125138002\_dusAp6\_forward\_4261658\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcctcctgaatagtgatgctgaataacataaccccatgatatatcgataaaataatctcTacatttgaaaatgcacggta

>ECK120010118\_dusBp\_forward\_3410246\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

ctcagaggattggtcaaagtttggcctttcatctcgtgcaaaaaatgcgtaatatacgccGccttgcagtcacagtatggt

>ECK120015437\_dutp\_forward\_3813852\_[HIPP|W|Human inference of promoter position]\_Weak

tgtttcccagccaactcaaggatttaacagcgacaacaacgcattacaccttttctggcaGgacggagataaagtcttacc

>ECK125136389\_dxrp3\_forward\_193335\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaacgacaaagtgaaagcactgttgaaagataaagagatcagcgaagacgacgatcgccGttctcaggacgatgtacaga

>ECK120011034\_ebgAp\_forward\_3222551\_[AIPP|W|Automated inference of promoter position]\_Weak

tgctgccgtttattttcgtgatccagttaaagtaaatgcatttacctgctactttttagtAaaaattttactaaactcccc

>ECK125137289\_ecop5\_forward\_2303797\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttctgctggtttgctctctcattagaatttaacactaaaagagcaggtaaaattgtctGaatgttctttaagttattca

>ECK120010269\_eddp1\_reverse\_1934713\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttttacactttcaggcctcgtgcggattcacccacgaggctttttttattacactgactgAaacgtttttgccctatgagc

>ECK125136725\_efeOp1\_forward\_1082243\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taacaaatacgacgcaaactcttgcttagttacaacatactttaaagggatagtctcgtcAtgaccattaacttccgccgt

>ECK120029863\_efeU\_1p\_forward\_1081307\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttataaacattccgcttgtgtttttctttgccgtaatgataatcgctatcactgcgatttActtttctttgcatagattga

>ECK120009875\_efpp\_forward\_4375567\_[HIPP|W|Human inference of promoter position]\_Weak

aaagctttttggcgctgcgtccggctaacagtttttcctccgcgtctatattcaaaagacGcagaagttcatcaggatcgg

>ECK125137314\_elaAp3\_reverse\_2381614\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atattgccgtgacattgcgcgtgcgggttggcacaccggctgaagtacctaaaaaaattaAttccatgagttcatcacgtt

>ECK125137317\_elaDp8\_forward\_2382654\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacacaggcatattgagcgatttttgatatttattcatctccttacgcactatattcagaGcaataagttgcctcttttca

>ECK125136694\_elfAp7\_forward\_997808\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatttgtcacttattggatttagtatgcttgatttaaatggcggacaattattgttattAttaagtctaatgtcatttaa

>ECK125136819\_emtAp4\_forward\_1243125\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtgaaacagagacatggcaattccttgctgacaacagaaacgaaatgtatatcatgccgCttaggtgtgccgttgtcacc

>ECK125109856\_enop4\_reverse\_2907968\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtaaaaaagttagagcggcaacgcgtaccctgggtacgcgttgtttgtctggagtttcagTttaactagtgacttgaggaa

>ECK125109857\_enop7\_reverse\_2908152\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tctgcgcgttgcgggccgttccggggatgatcagttggtcgagatcatcgaagttccgaaTcacccgtggttcgtggcttg

>ECK120010224\_entCp\_forward\_624831\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ttgcagattgcgttacctcaagagttgacatagtgcgcgtttgcttttaggttagcgaccGaaaatataaatgataatcat

>ECK125136554\_entDp2\_reverse\_610141\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaacgccttatccggcctacaaaaatcttgccaattcaatatattgcaggaccatgtagGcctgataagcgtagcgcatc

>ECK120009985\_entSp1\_forward\_622258\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccatgataatgaaattaattatcgttatcgatcttatttggatatgttagcatgtgcagcCtaagaataggtatttaaaat

>ECK125137731\_envRp12\_reverse\_3413602\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcagaattaaaacctcgtaaattgaaatatatattgatgtagtgaatgtatcttaggtaAataatatatattatttattt

>ECK125137733\_envRp14\_reverse\_3413633\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctactgttttattttgacgcgggttgaaagaggcagaattaaaacctcgtaaattgaaatAtatattgatgtagtgaatgt

>ECK120010534\_epdp\_reverse\_3073823\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aatgtcttcttcggctggacaaacattccttttattccacgtttcgcttatcctagctgaAgcgtttcagtcgattaaatg

>ECK125138031\_epmBp3\_reverse\_4375703\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaggttcgccgtctaacatgattttaagaccagcacgaaaatcgttgctatagtacgttGccataaggccctctgaaatt

>ECK125137196\_erfKp4\_reverse\_2063354\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatacgacttctgatttgaacagttaaaaacgaaaagtctgataaaagctatacttaacgGatagctttcgcgacatagga

>ECK125145769\_esrEp\_forward\_4019978\_[TIM|S|Transcription initiation mapping]\_Strong

cagggcgatattcaggtggtgcaaaacttcgttgcgctggcagatctggcagagttcgacCctgcggaactgctggcccct

>ECK120015387\_evgAp2\_forward\_2483631\_[TIM|S|Transcription initiation mapping]\_Strong

atcggtacaatccctgattttattgttgacatttcatttatgccgactatttatatggtaTacttgtcgaattatcttaaa

>ECK120009935\_exbBp\_reverse\_3152014\_[HIPP|W|Human inference of promoter position]\_Weak

atgcaaatagtaatgagaacgactatcaattcgacgtcgttttgatattattatgcgcagAttttgtgacttgcgtcctgg

>ECK125230249\_exuRp2\_forward\_3246618\_[TIM|S|Transcription initiation mapping]\_Strong

ccttctcaggcggctttttcatcactgcgagtagagctaaactcgcaaaagtggtataacAaatatagtctgccgtatcat

>ECK120011031\_fabAp\_reverse\_1016498\_[HIPP|W|Human inference of promoter position]\_Weak

actggtttattccgaactgatcggacttgttcagcgtacacgtgttagctatcctgcgtgCttcaataaaataaggcttac

>ECK120010355\_fabBp\_reverse\_2441641\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttctctattaaatggctgatcggacttgttcggcgtacaagtgtacgctattgtgcattcGaaacttactctatgtgcgac

>ECK120011027\_fadBp\_reverse\_4031013\_[TIM|S|Transcription initiation mapping]\_Strong

atcggcatttctttaatcttttgtttgcatatttttaacacaaaatacacacttcgactcAtctggtacgaccagatcacc

>ECK120009999\_fadDp\_reverse\_1889807\_[TIM|S|Transcription initiation mapping]\_Strong

cgcttcgcaaccttttcgttgggtaattatcaagctggtatgatgagttaatattatgttAacggcatgtatatcatttgg

>ECK120010075\_fadIp\_reverse\_2460511\_[AIPP|W|Automated inference of promoter position]\_Weak

tagctcccactttcccttttctccacttggctaaatgtaaaaaaatggttaagactatgaTcaggtcagaccactttattt

>ECK120049205\_fadRp\_forward\_1234905\_[TIM|S|Transcription initiation mapping]\_Strong

atccctttttcttctttttgtctgctatcagcgtagttagccctctggtatgatgagtccAactttgttttgctgtgttat

>ECK125137965\_fdhEp1\_reverse\_4081361\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gattcgcgttaatgctgcattcatttgccgcagtggcgttaattgtggttatcatggtgcAtatctacgccgccctttggg

>ECK120010215\_fdnGp\_forward\_1547372\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agatgttctttttgatttcgcgcaaaaagattcagaattttactgttagtttcctcgcgcAgtaatacccctgaaaaaaga

>ECK125136522\_fdrAp4\_forward\_546506\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaaaaaaatatagttagaatttatttgataatccgctcacttttaacctgatttttaaaAcaacaacgcttattaaaaaa

>ECK125162182\_feaBp1\_forward\_1447492\_[TIM|S|Transcription initiation mapping]\_Strong

gacaaagcgaatgtcacagcgaaaaaagtgacttttcttgtcgctgcgtacactgaaatcAcactgggtaaataataagga

>ECK125162183\_feaBp2\_forward\_1447370\_[TIM|S|Transcription initiation mapping]\_Strong

tttttattgttgcatttgtgttgcaataaacgaagctaatgagcctgactataggaaataAgtcttgtcaggcatagagac

>ECK125162179\_feaRp1\_reverse\_1447349\_[TIM|S|Transcription initiation mapping]\_Strong

cgtgacaataaccgcttatgtctctatgcctgacaagacttatttcctatagtcaggctcAttagcttcgtttattgcaac

>ECK125162180\_feaRp2\_reverse\_1447309\_[TIM|S|Transcription initiation mapping]\_Strong

tatttcctatagtcaggctcattagcttcgtttattgcaacacaaatgcaacaataaaaaTacatttcacagagcgaaaac

>ECK125162181\_feaRp3\_reverse\_1447394\_[TIM|S|Transcription initiation mapping]\_Strong

ttcgctgtgacattcgctttgtcagctgtgacaagctccgcaaatcgtgacaataaccgcTtatgtctctatgcctgacaa

>ECK125138082\_fecEp5\_reverse\_4511639\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgtggccgcctgcggcccgattagctttattggtctcgtggtgccgcatatgatgcgtaGcatcaccggtggacgtcacc

>ECK120010210\_fecIp\_reverse\_4518282\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

acaacatgttaaaaatgtctattggaaacaattttatttccaattgtaatgataaccattCtcatattaatatgactacgt

>ECK120016950\_feoAp\_forward\_3540057\_[AIPP|W|Automated inference of promoter position]\_Weak

accaacattcgcacacattttaagtattgctgatagaaaccattctcattatcattgtgtTgttgattatttaatctctcc

>ECK120010221\_fepAp\_reverse\_612667\_[TIM|S|Transcription initiation mapping]\_Strong

ccatgtttactgtgcaatttttcattgattgcagaaatatattgataatattattgataaCtatttgcatttgcaatagcg

>ECK120010222\_fepBp\_reverse\_624727\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ggtaacgcaatctgcaactcggggttgcatctggttgtggttacaatgaaaatgagaagcAttattgatggattcgcataa

>ECK120009987\_fepDp2\_reverse\_622192\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acatgctaacatatccaaataagatcgataacgataattaatttcattatcatggaagttCgtatgtctggttctgttgcc

>ECK120010299\_fesp\_forward\_612687\_[TIM|S|Transcription initiation mapping]\_Strong

cttcccacggcgcgccattacgctattgcaaatgcaaatagttatcaataatattatcaaTatatttctgcaatcaatgaa

>ECK125136497\_ffsp6\_forward\_476288\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atagccttcgggaatagcggcgacgatttgccagacgcgttggggaaatgaatcttctttTtccatcttttcttcctgagg

>ECK125136498\_ffsp7\_forward\_476422\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaccagcatctggcacgcgatgggttgcaattagccggggcagcagtgataatgcgcctGcgcgttggttctcaacgctc

>ECK120010999\_fhuAp\_forward\_167442\_[AIPP|W|Automated inference of promoter position]\_Weak

tgcgtaccgcttgcgaacccgccagcgtttcgaatattatcttatctttataataatcatTctcgtttacgttatcattca

>ECK120015395\_fhuFp\_reverse\_4605694\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

ttatcatttgcaagccagataaatcccttgctatcgggtaaacctatcgctatgattagcAatcattatcatttagattac

>ECK125109862\_fhuFp2\_reverse\_4605752\_[HIPP|W|Human inference of promoter position]\_Weak

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>ECK125137972\_fieFp3\_forward\_4106432\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137973\_fieFp4\_forward\_4106449\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcctcaatttgcctgctgcttaatgcattgcagatgatttgcttccgttatactagcgtcAgttgatagcgggagtattta

>ECK120010667\_fimAp\_forward\_4542694\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttaacttattgataataaagttaaaaaaacaaataaatacaagacaattggggccaaacTgtccatatcataaataagtt

>ECK120010503\_fimBp1\_forward\_4540809\_[TIM|S|Transcription initiation mapping]\_Strong

tacatagcatgcaagagcatggcgtttgtatggcaacgttattataattaacagttgctaCtccatttaagttcactcaga

>ECK120010668\_fimEp\_forward\_4541871\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

actggaagttaatccactgcaatctattgttatattgaatcaaatcaatgaaaatagatgTtgtcacatcagtgatatttt

>ECK120009934\_fiup\_reverse\_841648\_[HIPP|W|Human inference of promoter position]\_Weak

aaatgtatttctttttcgcgcaatgggtgatagaaaatcgctccaagtgataatgcttatCaaaattattatcactttcac

>ECK120010687\_fixAp\_forward\_42325\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tattgaaagttggatttatctgcgtgtgacattttcaatattggtgattaaagttttattTcaaaattaaagggcgtgata

>ECK120009954\_fldBp\_forward\_3039822\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctcatttgatccattatgccttattgtgccgtgactaaagcgattctgatacactagccgCaaaagccacagcagaatcga

>ECK120016579\_flgAp\_reverse\_1130885\_[HIPP|W|Human inference of promoter position]\_Weak

cgcaaaatgggtcgctatttatgccgttgatggtcattgcggacaggtacaattcacgttGtagaaatggctgggggcgaa

>ECK120016580\_flgBp\_forward\_1130993\_[HIPP|W|Human inference of promoter position]\_Weak

gacccattttgcgtttattccgccgataacgcgcgcgtaaaggcatttaagctgatggcaGaattttgatacctgcggagg

>ECK120016702\_flhBp\_reverse\_1966216\_[TAS|W|Traceable author statement],[HIPP|W|Human inference of promoter position]\_Weak

cgcctgttttgccccttactcaaaccattgaacgctttgcgctctggcatcattcacgctTaatactctttccaggattgg

>ECK120010198\_flhDp\_reverse\_1978395\_[TIM|S|Transcription initiation mapping]\_Strong

tattgaaaatcgcagcccccctccgttgtatgtgcgtgtagtgacgagtacagttgcgtcGatttaggaaaaatcttagat

>ECK120010507\_fliAp1\_reverse\_2001819\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cccctcatttcacccactaatcgtccgattaaaaaccctgcagaaacggataatcatgccGataactcatataacgcaggg

>ECK120010547\_fliDp\_forward\_2003817\_[HIPP|W|Human inference of promoter position]\_Weak

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>ECK120016704\_fliEp1\_reverse\_2013036\_[HIPP|W|Human inference of promoter position]\_Weak

cgtttttttgttgctatttagcgcctttgtcttattgacttactggtaggctttgctaccAgaaattatccgggagacgag

>ECK120016705\_fliFp1\_forward\_2013146\_[HIPP|W|Human inference of promoter position]\_Weak

acaaaaaaacgggtttattggcggatagaaaaaaacgaaagcacaaataatgggagcgtcAatttttcgagtttgctgacc

>ECK120010633\_fliLp1\_forward\_2019584\_[TIM|S|Transcription initiation mapping]\_Strong

agcaccgtaatccgcgtcttttccccgctttgttgcgctcaagacgcaggataattagccGataagcagtagcgacacagg

>ECK120009941\_flup\_forward\_2071317\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aagcactgttttcgttactgtctctcttgtccgtgcaatagctcaataatagaataaaacGatcaatatctattttatcga

>ECK125108718\_fnrSp\_forward\_1409129\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgccgcaaagtttgagcgaagtcaataaactctctacccattcagggcaatatctctcttGcaggtgaatgcaacgtcaag

>ECK120010119\_fnrp\_reverse\_1399552\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctctgctgttaaggtttgcttagacttacttgctccctaaaaagatgttaaaattgacaaAtatcaattacggcttgagca

>ECK120010308\_focAp1\_reverse\_954493\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agccaggcgagatatgatctatatcaatttctcatctataatgctttgttagtatctcgtCgccgacttaataaagagaga

>ECK120010309\_focAp3\_reverse\_954814\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taaaatcaaatagcctacgcaatgtaggcttaatgattagtctgagttatattacggggcGtttttttaatgccccgcttt

>ECK120010276\_folAp\_forward\_49799\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttcctcaacatcatcctcgcaccagtcgacgacggtttacgctttacgtatagtggcgacAattttttttatcgggaaatc

>ECK125137622\_folBp5\_reverse\_3204648\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120035125\_folEp\_reverse\_2243848\_[ICA|W|Inferred by computational analysis]\_Weak

cgtggctccttgttgtgttgtttgcaatttcttcatcataccgtttattcaatgtgctgtGagtaactttcacttccgtat

>ECK120010243\_fprp\_reverse\_4114499\_[HIPP|W|Human inference of promoter position]\_Weak

tcgattgagccttccagtccttcgggactggaatttttttgttcggagaacgaagataagGcaagtcaatcaaaacaggag

>ECK120033722\_frcp\_reverse\_2493439\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cacaaatgtcgcgactctctctgattaccacgaatcaatatttatcatattcttcttttcGtcctcactacttaccatgca

>ECK120010120\_frdAp\_reverse\_4382412\_[TIM|S|Transcription initiation mapping]\_Strong

taaaaaaatcgatctcgtcaaatttcagacttatccatcagactatactgttgtacctatAaaggagcagtggaatagcgt

>ECK125138034\_frdDp7\_reverse\_4379474\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137754\_frlAp13\_forward\_3499835\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtgcgaaattttgtgatcttcctccacattacataacatcatatgttgttatattcatcAtgcattgtcatgttaccttt

>ECK125160646\_frrp\_forward\_192814\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aatagcctaataatccagacgattacccgtaatatgtttaatcagggctatacttagcacActtccactgtgtgtgactgt

>ECK120034548\_frsAp\_forward\_256502\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caacgcctggcactgccgggcgttgttctttttaacttcaggcgggttacaatagtttccAgtaagtattctggaggctgc

>ECK120010219\_fruBp\_reverse\_2263597\_[AIPP|W|Automated inference of promoter position]\_Weak

aaacttttgctcataactttacggctttccttgcgtgctgaaacagaagtattatgctttCttgaaacgtttcagcgcgat

>ECK125136505\_fsrp5\_reverse\_504852\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttctctccctgacctgatttcaacgtgttgaaaaatagtatgacgcgacatcatagacaAgtctgcgtccggtgaagata

>ECK125095453\_ftnAp\_forward\_1988682\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataattgaagtttatattttaccttttgcaaataataaaataacaaattatagtgacgccAcagcaacaaatataaccttt

>ECK120029866\_ftnBp2\_forward\_1986799\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atataaacttgatgatttaagcattttcttatacccgttcagacgttattcttatttcagAtcatcgtcagaattgactcc

>ECK120009884\_ftsAp1\_forward\_103561\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctgatgaattgaagattcatctggttgaatatgtgccgattgcgcggtggaatgatcaacAtatggtagacgcggaaggaa

>ECK125137688\_ftsHp4\_reverse\_3326978\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctaaccgggagatttcagacgaaagtttgaaagatgctggatatagagtatcctgacgctGtttttaacacagttgtaata

>ECK120033247\_ftsKp1\_forward\_933138\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aagacgcgctaacacggaacaggtgcaaaatcggcgtattttgattacactcctgttaatCcatacagcaacagtactggg

>ECK120033248\_ftsKp2\_forward\_932929\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aattcaataccgctgtacaaaaacttgaagaaattcaggagtgtcatttagtatccggtgAtttcgactacctgttgaaaa

>ECK120015390\_ftsKp3\_forward\_933218\_[AIPP|W|Automated inference of promoter position]\_Weak

ggtaacctggtactgttgtccgttttagcatcgggcaggaaaagcctgtaacctggagagCctttcttgagccaggaatac

>ECK120011035\_fucAp\_reverse\_2933854\_[AIPP|W|Automated inference of promoter position]\_Weak

aatgaccgttttgataaatatttttaagagcggtcatttttaatggggttataaaaagagAacttgcagttatttactgtg

>ECK120010191\_fucPp\_forward\_2934119\_[NTAS|W|Non-traceable author statement]\_Weak

ctagctaataagtgtgaccgccgtcatattacagagcgttttttatttgaaaatgaatccAtgagttcatttcagacaggc

>ECK120011033\_fumAp\_reverse\_1688440\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caaaaagtcgtactagtctcagtttttgttaaaaaagtgtgtaggatattgttactcgctTttaacagggcaacggaacac

>ECK120010217\_fumBp\_reverse\_4347348\_[ICA|W|Inferred by computational analysis]\_Weak

tataaatgcactttgcgtgccgcccgtgactacgcggcacgccattttcgaataacaaatAcagagttacaggctggaagc

>ECK125141980\_fumCp1\_reverse\_1686654\_[TAS|W|Traceable author statement],[HIPP|W|Human inference of promoter position]\_Weak

gggcggtttttttacatggcacgaaagaccaaacatttgttatcaaatggtaaataataaGtgagctaaaagttgcttaac

>ECK120010186\_furpa\_reverse\_710716\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acaatatttgccagggacttgtggttttcatttaggcgtggcaattctataatgatacgcAttatctcaagagcaaattct

>ECK120009914\_gabDp1\_forward\_2791172\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggcagcgacatcagcaattcctattggtgcgcatattgtcagcaaggtacaaacgctgttGgcaagccagagtaaccccgg

>ECK120049202\_gadEp3\_forward\_3657800\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

ttagccatttcaaacattatcatggctgatattttccgtagtcaggtttaatgttttaaaAgtgctgtgggaaagtgaaca

>ECK125095186\_gadEp4\_forward\_3658062\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccaattgccagcttaagtcgaaacaaggagactcgatatttaaatcggattacattttaaCtttagtaatattcttcagag

>ECK120010122\_galEp1\_reverse\_792081\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

gattccactaatttattccatgtcacacttttcgcatctttgttatgctatggttatttcAtaccataagcctaatggagc

>ECK120015157\_galPp\_forward\_3088255\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[NTAS|W|Non-traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attacactgatgtgatttgcttcacatctttttacgtcgtactcacctatcttaattcacAataaaaaataaccatattgg

>ECK120009842\_galRp\_forward\_2976569\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcccacgatgaaaacacgccaccccttgaaccaacgggcgttttccgtaacactgaaagaAtgtaagcgtttacccactaa

>ECK120010121\_galSp\_reverse\_2241710\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttccattgctgtgactcgattcacgaagtcctgtattcagtgctgacaaaatagccgccAgcaagcagtcatttactgca

>ECK120010521\_gapAp1\_forward\_1862735\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtcgcaatgattgacacgattccgcttgacgctgcgtaaggtttttgtaattttacaggcAaccttttattcactaacaaa

>ECK120010522\_gapAp3\_forward\_1862597\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcacctaaatcgtgatgaaaatcacatttttatcgtaattgccctttaaaattcggggcGccgaccccatgtggtctcaa

>ECK120010523\_gapAp4\_forward\_1862526\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgactgattctaacaaaacattaacaccaactggcaaaattttgtcctaaacttgatctcGacgaaatggctgcacctaaa

>ECK120010723\_garPp\_reverse\_3274934\_[IC|W|Inferred by curator],[AIPP|W|Automated inference of promoter position]\_Weak

tcattgtcgttacggcataaatgaaactcataaataacaccttccccataataataaaaaTcagcataagtacccgaggta

>ECK120010227\_gatYp\_reverse\_2177234\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tattgtcgtttttgtgatcgttatctcgatatttaaaaacaaataatttcattatattttGaaatcgaaaacaaacgacag

>ECK120009918\_gcdp1\_reverse\_141263\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atctgttaataaagctcgaattgtgatgacgatcacacatgttaaaacctataattaattGctactaaaatattaatgaat

>ECK120015472\_gclp\_forward\_533907\_[AIPP|W|Automated inference of promoter position]\_Weak

gcggagcgggtttttttgacaaaatttgaaagttggaaaaattttccaataaatagaggtAggaataaaatggcaaaaatg

>ECK120010229\_gcvAp\_reverse\_2942639\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aagtgccgccactataggtatttgctggtagaagctcaacggacaatttataatggctcaGattaaaaaaactaataggtt

>ECK120010091\_gcvBp\_forward\_2942696\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aatctgagccattataaattgtccgttgagcttctaccagcaaatacctatagtggcggcActtcctgagccggaacgaaa

>ECK120010677\_gcvRp\_forward\_2599879\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aagcagacagaaccgttctgattgttgtatgcatgttttttttatgctttccttaagaacAactcaccccttaaaggaata

>ECK125165390\_gcvRp2\_forward\_2599806\_[TIM|S|Transcription initiation mapping]\_Strong

acttcccgtgaacatgggccatcctctgtgcaaacaagtgtctcaatggtacgtttggtaTggcattaaaagcaagcagac

>ECK120010228\_gcvTp\_reverse\_3050772\_[TIM|S|Transcription initiation mapping]\_Strong

atgtgatgatcaattttaccttatggttaacagtctgtttcggtggtaagttcaggcaaaAgagaacgattgcgttgggga

>ECK120010334\_gdhAp1\_forward\_1842308\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctttcctgggtcatttttttcttgcttaccgtcacattcttgatggtatagtcgaaaactGcaaaagcacatgacataaac

>ECK125203423\_gfcAp\_reverse\_1050702\_[TIM|S|Transcription initiation mapping]\_Strong

ttcgtaacaatttccttatctttaatttgtattttgctaagatttatcttatgctcacaaGtcgtatttccagagggggat

>ECK125136710\_gfcDp3\_reverse\_1048118\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gattatctgcaagatcacccccgccttgcaggcgcggacaagaataacgttatggtgattAcgcctgagggtgagactgtc

>ECK125136732\_ghrAp6\_forward\_1097824\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggttttaataagcgaaatctgctttttttgccaccgaccacggatttgttatgctggtgGcctttgtagatcataacgat

>ECK125137571\_glcAp10\_reverse\_3121364\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacttgttatgccagaggtagcaattgcgttagcggcgtactgttgctgtaaagtataacGcctatattttacagttcagt

>ECK120010636\_glcCp\_forward\_3128206\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccagctctgtgaccttgtcttggttaactcaatgttaaattgatgtaacataatcacttaCgtgatgtgcgtgttttgcga

>ECK120010635\_glcDp\_reverse\_3128076\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggtctgaccggtagctaaagagatagacgaaaacgaaaagcccgcttaataactgttcacAgaagcagcgcgcaaaaatca

>ECK125134704\_glgAp\_reverse\_3568392\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtggtgccggaactggatatgtacgatcgcaattggccaattcgcacctacaatgaatcaTtaccgccagcgaaattcgtg

>ECK125134703\_glgBp\_reverse\_3573657\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taagcgcagatgtttcatgatttaccgggagttaaatagagcattggctattctttaaggGtggctgaatacatgagtatt

>ECK120010187\_glgCp1\_reverse\_3569389\_[TIM|S|Transcription initiation mapping]\_Strong

ctggggagtggcacgccattcccccattcgctggagaggataacccagtgattacggctgTctggcagggacctgcacacg

>ECK120015382\_glkp\_reverse\_2509461\_[HIPP|W|Human inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

ttacagggagcctgcctttccggcgttgttgttatgcccccaggtatttacagtgtgagaAagaattattttgactttagc

>ECK120010584\_glmUp1\_reverse\_3915223\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctgtccatttcacgatgaaaaaaatgtagttttttcaaggtgaagcggtttaaattcgttCtcaaattacagtcaggacgc

>ECK120010585\_glmUp2\_reverse\_3915326\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaattaaggtactgccttaattttctgcagacaaaaggcgtgacgatggtcgaaaatggcGctttcgtcagcggggataat

>ECK125095436\_glmYp2\_reverse\_2691340\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataatcagtacgttaccaaactattttctttattggcacagttactgcataatagtaaccAgtggctcattcaccgactta

>ECK120030810\_glmZp\_forward\_3986432\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttatctcataacaagtgttaagggatgttatttcccgattctctgtggcataataaacgaGtagatgctcattccatctct

>ECK120010124\_glnAp1\_reverse\_4058222\_[TIM|S|Transcription initiation mapping]\_Strong

gcataaaaagggttatccaaaggtcattgcaccaacatggtgcttaatgtttccattgaaGcactatattggtgcaacatt

>ECK120010569\_glnBp1\_reverse\_2687441\_[TIM|S|Transcription initiation mapping]\_Strong

cacgagctggatgcaaacgatttcaaggaatgaattggcgttatgtgttacgtttagcagAtcaaaagacaggcgaccttt

>ECK120010159\_glnBp2\_reverse\_2687503\_[TIM|S|Transcription initiation mapping]\_Strong

tcacccacgcggcgagaatggcggggcgcaaccggacagaattttataaactgctttcccGacacgagctggatgcaaacg

>ECK125137620\_glnEp6\_reverse\_3199801\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgccacgcctgacgcgtgatattgactcaatactgttgctggcgggttactatgatcctGtcgtcgcgcaagcctggctg

>ECK120011000\_glnLp\_reverse\_4056371\_[TIM|S|Transcription initiation mapping]\_Strong

ttttctccgtcaattctctgatgcttcgcgctttttatccgtaaaaagctataatgcactAaaatggtgcaacctgttcag

>ECK120015498\_glnQp\_reverse\_846631\_[AIPP|W|Automated inference of promoter position]\_Weak

actgcgtcgtatgctgccgccgctgggtaaccagtggatcatcagcattaaagacacctcGctgtttattgtgatcggcgt

>ECK120015424\_gloAp\_forward\_1727801\_[HIPP|W|Human inference of promoter position]\_Weak

ttacccgacgttgtaatccaacattgcgagcggcgtaaagccgccgctatactaaaacaaCattttgaatctgttagccat

>ECK125136401\_gloBp5\_reverse\_234926\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaattgatttctgcgcttaaattgccaatcttaagcagatgaaaaccatacattttagtGaaccacgggttgagctggcg

>ECK120010125\_glpABCp\_forward\_2352583\_[HIPP|W|Human inference of promoter position]\_Weak

aatgttcaaaatgacgcatgaaatcacgtttcactttcgaattatgagcgaatatgcgcgAaatcaaacaattcatgtttt

>ECK120010126\_glpDp\_forward\_3561971\_[TIM|S|Transcription initiation mapping]\_Strong

tcactctaaaatgttttttcaatgttacctaaagcgcgattctttgctaatatgttcgatAacgaacatttatgagcttta

>ECK120010231\_glpFp\_reverse\_4118161\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggcacacacattttaagttcgatatttctcgtttttgctcgttaacgataagtttacagcAtgcctacaagcatcgtggag

>ECK120011001\_glpTQp\_reverse\_2352451\_[HIPP|W|Human inference of promoter position]\_Weak

atttaataatgtgtgcggcaattcacatttaatttatgaatgttttcttaacatcgcggcAactcaagaaacggcaggttc

>ECK120010020\_glrKp\_reverse\_2691123\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caaagccgggtaattcccggctttgttgtatctgaacttcccctcggttagcatcaggctAttcgcgtctgacgagagtaa

>ECK120010173\_gltAp1\_reverse\_754767\_[TIM|S|Transcription initiation mapping]\_Strong

aatcattcaacaaagttgttacaaacattaccaggaaaagcatataatgcgtaaaagttaTgaagtcggtatttcacctaa

>ECK120010240\_gltBp\_forward\_3354509\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acatttctgtaccaataagcttgccatttgacctgtatcagctttcccgataagttggaaAtccgctggaagctttctgga

>ECK120016706\_gltIp1\_reverse\_687896\_[HIPP|W|Human inference of promoter position],[IC|W|Inferred by curator]\_Weak

aataggctgattcaaggcatttacgggagaaaaaatcggctcaaacatgaagaaatgaaaTgactgagtcagccgagaaga

>ECK125138011\_gltPp6\_forward\_4294307\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atctttccataacaaatggttattcattaatcctgccataaactcgcgttattatgcattAatgcagcgaaaagctctgtt

>ECK125137886\_gltSp3\_reverse\_3828691\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgatacccgtcatagttcatgaagttgccactgcgcgatgaagtatgacgagtatgaaagAgtgatgcggatacaaaggag

>ECK120010678\_gltXp1\_reverse\_2520784\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caagatgatcgcaaaacagaccgtgttgcgcaatttgtcaacgaaaacaataatgcgtaaGgtagaaacccgaactacatt

>ECK120010680\_gltXp3\_reverse\_2520730\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcgtaaggtagaaacccgaactacattgaggaatcaggcgggagtgatagaatatcgcccActtaatttttccaggatttg

>ECK120011043\_glyAp\_reverse\_2685574\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

cgtttgcgtaaattcctttgtcaagacctgttatcgcacaatgattcggttatactgttcGccgttgtccaacaggaccgc

>ECK120016952\_glyQp\_reverse\_3725354\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aagccctgctttttcccgtttcgtactgtatatcttccatccagcgggtatactgatcccTtcctttaaatccacacgtat

>ECK120010613\_glyUp\_reverse\_2999064\_\_

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>ECK120010602\_glyVp\_forward\_4392313\_\_

caaaaaaaacttttttggggggttgcagagggaaagatttctcgtataatgcgcctcccgTaacgacgcagaaatgcgaaa

>ECK120010609\_glyWp\_reverse\_1992180\_[HIPP|W|Human inference of promoter position]\_Weak

tcaaaagtggtgaaaaatatcgttgactcatcgcgccaggtaagtagaatgcaacgcatcGaacggcggcactgattgcca

>ECK120048894\_gmkp\_forward\_3821388\_[TAS|W|Traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgcgcaaaaagtgtgagcaagggctacgtcacatggccgcgccgtgtataataagctcgtAtgtaggctttatttcgctaa

>ECK120010350\_gndp\_reverse\_2101324\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aagcatataagcatggataagctatttatactttaataagtactttgtatacttatttgcGaacattccaggccgcgagca

>ECK120010270\_gntKp\_reverse\_3577645\_[TIM|S|Transcription initiation mapping]\_Strong

cttatacacttaaggcatggatggatattgcttctgatattgtccggctggacaatgttaCcgataacagttacccgtaac

>ECK120010055\_gntPp\_reverse\_4551334\_[TIM|S|Transcription initiation mapping]\_Strong

tgatcagaggatgtgacattcatcgcaacaatggttgaccaatttacataacatatcgccCaaaataacaacggttcaacc

>ECK120010048\_gntRp1\_reverse\_3578749\_[AIPP|W|Automated inference of promoter position]\_Weak

aaacaagcactgttttccccgggaaggttctgatgtgtccgtgttaaactaagagaatctAtctcttttgtaccttcagga

>ECK120010030\_gntRp2\_reverse\_3578818\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcttccggggttttgccgcgtcgttagcacaatgcgatgcaattgatttagtgtatatctAataattgtaaacaagcactg

>ECK120010271\_gntTp1\_forward\_3546405\_[TIM|S|Transcription initiation mapping]\_Strong

tttaaatttaccccgctctggtgattctcaaacgccagatgttacccgtatcattcacatGggtaccaaacatactcctga

>ECK120010056\_gntXp\_forward\_3544667\_[AIPP|W|Automated inference of promoter position]\_Weak

ctaaccaaatggctttatcaggtgcctgttgcagcacggcttcggccatatcagcaagtgAcagcgcaccaaatccccggc

>ECK120015464\_gorp\_forward\_3646112\_[AIPP|W|Automated inference of promoter position]\_Weak

aactggcggtactgccagacagcgatcgccgtggcatgaccgcttccggcatgattgtgaTtaacccgccgtggaaactgg

>ECK120009959\_gpmAp\_reverse\_787632\_[AIPP|W|Automated inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tattttcgctatggttatgcgtaagcattgctgttgcttcgtcgcggcaatataatgagaAttattatcattaaaagatga

>ECK125109855\_gpmAp2\_reverse\_787670\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgcaactcaatattcacaacaaccttacactgcgccactattttcgctatggttatgcgtAagcattgctgttgcttcgtc

>ECK125137872\_gpsAp5\_reverse\_3783810\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgggtatcgaaggcacccagatggcgcattgcctgggagcatactgcccgaacattctgTtcccgtatgctcgtgagtgc

>ECK120034547\_gptp\_forward\_255914\_[HIPP|W|Human inference of promoter position]\_Weak

taaaaagacgcggactcatgtgaaatactggtttttagtgcgccagatctctataatctcGcgcaacctattttcccctcg

>ECK120009863\_grcAp1\_reverse\_2716523\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[IMP|W|Inferred from mutant phenotype]\_Confirmed

tgtgtggtttttattgatttaaatcaaagattcaagggtgtttgaggagtatatatacacTcaagcaacaatggttttacc

>ECK125095452\_greAp1\_reverse\_3328864\_[TIM|S|Transcription initiation mapping]\_Strong

acggcgcaacgccctataaagtaaacgatgacccttcgggaacttcagggtaaaatgactAtcaaaatgtgaattgtagct

>ECK125135020\_grxBp\_reverse\_1124103\_[AIPP|W|Automated inference of promoter position]\_Weak

tagccagaaacgcgccgcgcgtcgtttgcttgaacgcgacgcctgatttgatactcccccCtgactccttcatactgaaag

>ECK125136745\_grxBp4\_reverse\_1124083\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcgtttgcttgaacgcgacgcctgatttgatactcccccctgactccttcatactgaaaGtgaactgacagccaaatgga

>ECK125137874\_grxCp2\_reverse\_3784576\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggcgtcgctggctgggctggcgaaaacttgcctttggtgcgcggcaaataatttacctGtcgtctttcatgatgcaggc

>ECK125095208\_grxD\_reverse\_1734162\_[AIPP|W|Automated inference of promoter position]\_Weak

gcaacaaatagagcaaagggataaaatagcaaaagcgtgatgaaaatgttattttccgatGccgcactgacccgctacaat

>ECK120030212\_gspAp1\_reverse\_3455519\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acgatgtatgttctaataaaatagattgggtgggttgtatattgacgttagtataaatagTattaatgccgcttgcatgaa

>ECK120030209\_gspCp2\_forward\_3455527\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acatattactaatataaataaattttgcttgattcatgcaagcggcattaatactatttaTactaacgtcaatatacaacc

>ECK120010255\_guaBp\_reverse\_2634107\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agcaagcattttttgcaaaaaggggtagatgcaatcggttacgctctgtataatgccgcgGcaatatttattaaccactct

>ECK120011036\_gyrAp\_reverse\_2339457\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggatgtgaataaagcgtataggtttacctcaaactgcgcggctgtgttataatttgcgacCtttgaatccgggatacagta

>ECK120010403\_gyrBp\_reverse\_3880150\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

atagacatgtcggacgaaaattcgaagatgtttaccgtggaaaagggtaaaataacggatTaacccaagtataaatgagcg

>ECK120030782\_hchAp\_forward\_2035780\_[TIM|S|Transcription initiation mapping]\_Strong

cgccgactaccgctttcgatatattgactcaattttccagcctggttaaaaatagcgaccAgctcagtcgcaaatatagtg

>ECK120010051\_hdeDp\_forward\_3656960\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

taggaaatttttattaaatcgactgcattcttagacgcgtttttggcatagattgatagcAggggattttcttcttaattt

>ECK120010322\_hemAp1\_forward\_1263676\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125136473\_hemBp7\_reverse\_389861\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aataataaccaacagctataaataaagattaaaaatattttcagtgaatataaaattattGctgtttctattaaaaagatg

>ECK120009943\_hemFp\_forward\_2553205\_[TIM|S|Transcription initiation mapping]\_Strong

ccacagcgattgctgaaggcgtgatcagttatttccactggttcgacaaccagaaagcacAttcgaaaaagcgataagtta

>ECK120029524\_hemHp\_forward\_498031\_[TIM|S|Transcription initiation mapping]\_Strong

tgatttgacctctcacagcaattagttcttcttcctcacttttccgctacaattatcaacAagttgaatcgataagaggcg

>ECK120010684\_hemNp\_forward\_4051943\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tctgctgataacccttccggttatatgttatctggtgtggttattcgttaaactacagcgGttgtcgcggcgacaaaagtg

>ECK120009982\_hepAp\_reverse\_63358\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gagttcgccagataccattttgatgcgtgacgaatgctttgccatccagtaccatagcgcCctttccattcctggacctga

>ECK120010459\_hflDp\_reverse\_1192686\_[TIM|S|Transcription initiation mapping]\_Strong

gccagtctgccgtcttctataacggtgaagtgtgcctcggtggcggtattattgagcagcGtctgccgctgccggtctgat

>ECK120033702\_hfqp2\_forward\_4399801\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

gatccacaaaggctttcccgggcactggaagtttttttcatttcgggtaaaactttaacgGaactgacgcaaacgtcagga

>ECK120033732\_hfqp3\_forward\_4400220\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcgtgacgaagtattacaggttgttggtgctatcgcaggctgaatgtgtacaattgagacGtatcgtgcgcaattttttca

>ECK125136499\_hhap6\_reverse\_480503\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgaactgattgagcatattgcgaccttcgcacttaattacaaaattaagtataatgaagAcaataagctcattgagcaga

>ECK120051381\_hicAp\_forward\_1509221\_[TIM|S|Transcription initiation mapping]\_Strong

cttccttcctgattttgcattgcattctgccgttgcggcgatttagtgctattttcgagcAaattacacacggaggtaaac

>ECK125140836\_higBp\_reverse\_3234480\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttccgtcacacagataaattcatccgttgccaatctggcaacggatgttatcatattgccAatttgtcaacggacgtgatg

>ECK125136758\_hinTp1\_forward\_1161821\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120016954\_hipBp\_reverse\_1592482\_[TIM|S|Transcription initiation mapping]\_Strong

gtagagcggataagatgtgtttccagattgacttatcctcactaaaggataaaacttataAtatccccttaagcggataaa

>ECK120010349\_hisBp\_forward\_2093360\_[TIM|S|Transcription initiation mapping]\_Strong

ggcgcgctttaaagcctccagtgcggtgtttaaatctttgtgggatcagggcattatcttAcgtgatcagaataaacaacc

>ECK120030804\_hisJp\_reverse\_2426837\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

atacgtctaacggggcgggatattttgccttgatggtcaattttatggcacgataagtgtAacaaacctgtaaatattccc

>ECK120010361\_hisSp\_reverse\_2640642\_[TIM|S|Transcription initiation mapping]\_Strong

agcaggttgaaaaataataacgtgatgggaagcgcctcgcttcccgtgtatgattgaaccCgcatggctcccgaaacattg

>ECK120010201\_hnsp\_reverse\_1292958\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttgaattccttacattcctggctattgcacaactgaatttaaggctctattattacctcAacaaaccaccccaatataag

>ECK125136354\_hokCp4\_reverse\_16951\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatagagaaaagccccgagtgatattttaccatcaacccgaggcctcctatatgctgaacAcatgtagagtgcctcttact

>ECK125137132\_holEp4\_forward\_1925029\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattatctattcctttttgtaataacttttttacagagcataaccttgtctaatgtctgaGtcgaggatcatcaattccgg

>ECK125137134\_holEp6\_forward\_1925086\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgagtcgaggatcatcaattccggcttgccatcctggctcactcttagtaacttttgcccGcgaatgatgaggagattaag

>ECK120009917\_hptp\_forward\_141360\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acaattcgagctttattaacagattccgcgaatgaatagttttactggtatactgcgtgtCttgcgctttgttgcggtgcc

>ECK120010517\_hscBp\_reverse\_2659524\_[TIM|S|Transcription initiation mapping]\_Strong

cggcgaaagcttccacgtttgatgcgcataccgataaccccaccgtggtcgcctgcgcgtGgggtttgttttacctgattc

>ECK125136592\_hscCp5\_reverse\_683482\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atggtcgatgttgatcgtcagggctttgttgatttactggctgatcgtctgaaattttacGcttaacacacgtcattgatt

>ECK120029868\_hslJp\_reverse\_1441780\_[TIM|S|Transcription initiation mapping]\_Strong

ctgcattccaggggagctgattcagataatccccaatgacctttcatcctctattcttaaAatagtcctgagtcagaaact

>ECK125137913\_hsrAp4\_reverse\_3940643\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attatccaaagcgatggcgacgcggcatttaaagcttgtcaggcgctgctacgctcacctGataagtgataacccgataac

>ECK125136376\_htrEp5\_reverse\_155438\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actttggtggcgcaattgaaggtaatgccaggctgtaatcaggcaaggatataattccgcAggaagcatagcgtgactata

>ECK120010728\_hupBp2\_forward\_461395\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcgggcttgcccttattaaggggtgttgtaaggggatggctggcctgatataactgctgcGcgttcgtaccttgaaggatt

>ECK120010729\_hupBp3\_forward\_461332\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cagggctggcaggctaattcgggcttgccagcctttttttgtctcgctaagttagatggcGgatcgggcttgcccttatta

>ECK120010541\_hyaAp\_forward\_1031984\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

aaaagataaatccacacagtttgtattgttttgtgcaaaagtttcactacgctttattaaCaatactttctggcgacgtgc

>ECK120010657\_hybOp1\_reverse\_3146363\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attaattacactaatgcttcttcccttcgttttagcgccccgccgcagtatcatgatatcGataaccataataaatgtgtg

>ECK125137466\_hycIp4\_reverse\_2843102\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attcgataaagcccgggcagcgcaaacttcgcagcagcaggaatggagtacaatgctgttAagtatgctgcatgatattca

>ECK120030663\_hypFp2\_reverse\_2838014\_[IDA|S|Inferred from direct assay]\_Strong

aatgtattggttgccgtacctgtgaagtagcgtgcgtggtttctcatcaggaaaatcaggActgtgcatcgctgaccccgg

>ECK120030664\_hypFp3\_reverse\_2838105\_[IDA|S|Inferred from direct assay]\_Strong

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>ECK125138091\_hypTp4\_reverse\_4558317\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138092\_iadAp3\_reverse\_4559537\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137693\_ibaGp4\_reverse\_3336983\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgacgcttcagggggtaaacgacaaagtgtataccctggcgaaattgtataatttgcctGctgatgttctgcctcgttaa

>ECK125137694\_ibaGp9\_reverse\_3336954\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtataccctggcgaaattgtataatttgcctgctgatgttctgcctcgttaaattttttcAggccggatatggcgttaacc

>ECK120010174\_icdAp1\_forward\_1195008\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcattatagcctaataacgcgcatctttcatgacggcaaacaatagggtagtattgacaaGccaattacaaatcattaaca

>ECK120010519\_icdAp2\_forward\_1194961\_[TIM|S|Transcription initiation mapping]\_Strong

tctaaaagaagttttttgcatggtattttcagagattatgaattgccgcattatagcctaAtaacgcgcatctttcatgac

>ECK125137540\_idip4\_forward\_3033039\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137541\_idip5\_forward\_3032938\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcatttctgactgtgttgcaatggccattgaaagtcgcttcaaatatatgatgctactttTttaaatggtttttacctgtc

>ECK120010038\_idnKp\_forward\_4494597\_[TIM|S|Transcription initiation mapping]\_Strong

tcttatcagtagaaataaaaaaacgtgaaattattatgccgccaggcgtagtatcgcagcAggtaagatgattcaggagat

>ECK120010052\_idnRp\_reverse\_4491182\_[AIPP|W|Automated inference of promoter position]\_Weak

gctgggcgtgttagccattaacgccgtattgcactgaaagaataaaatattgtgatgtagTttcgggggaagattgaagat

>ECK120030653\_ileSp1\_forward\_21833\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtaggtgatgatttccgctttggcgctggtcgtgaaggcgatttcttgttattacagaaaGctggcatggaatacggcttc

>ECK120010599\_ileXp\_forward\_3215597\_[HIPP|W|Human inference of promoter position]\_Weak

acagcaggcgcgcggtaatggctggattgcgacacggagttactttataatccgctaccaTggccccttagctcagtggtt

>ECK120010160\_ilvCp\_forward\_3957912\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[IEP|W|Inferred from expression pattern]\_Strong

attgcaatgtgacgttgtgaatatatcaatttccgcaataaatttcctgtcatatagtgaAttcaatctcgcaaacgcgaa

>ECK120010153\_ilvIHp1\_forward\_85600\_[TASES|W|Traceable author statement to experimental support],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtgtttatgtctctggctgccaattgcttaagcaagatcggacggttaatgtgttttacaCattttttccgtcaaacagtg

>ECK120010278\_ilvIp3\_forward\_85453\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgggctctctattttaggattaattaaaaaaatagagaaattgctgtaagttgtgggattCagccgatttattatcaattt

>ECK120010277\_ilvIp4\_forward\_85420\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttttattgaatgtagaattttattctgaatgtgtgggctctctattttaggattaattaaAaaaatagagaaattgctgta

>ECK120010418\_ilvLp1\_forward\_3950218\_[TIM|S|Transcription initiation mapping]\_Strong

aaattgaatttttttcactcactattttatttttaaaaaacaacaatttatattgaaattAttaaacgcatcataaaaatc

>ECK120010419\_ilvLp2\_forward\_3950290\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataaaaatcggccaaaaaatatcttgtactatttacaaaacctatggtaactctttaggcAttccttcgaacaagatgcaa

>ECK120010011\_impp1\_reverse\_57156\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gacgctattcggacaggattaacactagcgtagagatgacgagtacgttagtctctgaccGtttgtcacgcgcaacgttac

>ECK120009910\_inaAp\_reverse\_2349499\_[HIPP|W|Human inference of promoter position]\_Weak

ttcattaatacgacacgtttcattaagattttcctcaggtaaccacctatagtcattgtcGttaataaaaatgacaggcga

>ECK120016571\_infAp1\_reverse\_926685\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

ttttcaccacaagaatgaatgttttcggcacatttctccccagagtgttataattgcggtCgcagagttggttacgctcat

>ECK120016570\_infAp2\_reverse\_926479\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

tttgttgcgatttagcgcgcaaatctttacttatttacagaacttcggcattatcttgccGgttcaaattacggtagtgat

>ECK120009955\_infCp2\_reverse\_1800818\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

gcgggcattcgtgttaaagcagacttgagaaatgagaagattggctttaaaatccgcgagCacactttgcgtcgcgtccca

>ECK125138083\_insAp13\_forward\_4518442\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138084\_insAp14\_forward\_4518379\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatagacatttttaacatgttgtttttctaagtgttataaggtaggtataaaatgggatGgagcctctgcttctggcatg

>ECK125138074\_insGp6\_reverse\_4503549\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaatccacataacaaaacgcgttttgttactgatgtcacaaattgagcatatttttgtaGctgatagtttgttacaaaca

>ECK125137198\_insHp2\_reverse\_2067498\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aattatcccgcctgctgaagaacgttgctctgagtgtgataaacctttttattcttgatgAtgtcagcgagaagatggaat

>ECK125137821\_insHp3\_reverse\_3653268\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gttgaaaataaaccttcgatttgtttgtcaagatattgtccatctttatataatttggggGtagggtgttctttatgtaaa

>ECK125137573\_insHp4\_forward\_3130025\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136542\_insHp4\_reverse\_575774\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137210\_insHp4\_reverse\_2103093\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcagatgatgattacattttgtttttgaatcccgatatcatcatgaagcatgatgatttGctgacatatattaaatatgt

>ECK125136596\_insHp5\_reverse\_689212\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccggataacaatattctcctatccaactttggcacatctattgctttgttatacaaggcaAaccctgaaacagcatcagta

>ECK125136416\_insHp5\_reverse\_275298\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcttcagtggcgcattttgttgtgttgtttgcatataaccttctaaacgtatggacatctAaacatccaaagaaggtttgt

>ECK125137212\_insHp6\_reverse\_2103049\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaagcatgatgatttgctgacatatattaaatatgtcgaaagtaagcgttatgcttttaGtacattatgcctgttccgag

>ECK125138079\_insIp5\_reverse\_4508686\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaattctgcaactgcgtaaggcgttaaatgaagctcgccttgagcgagatatattaaaaaAagcaactgtagattcaattg

>ECK125136352\_insLp5\_forward\_15380\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125134715\_intSp\_forward\_2466515\_[TIM|S|Transcription initiation mapping]\_Strong

ttcgtcatggttcgcttcagatcgttgacagccgcactccatgacgggtaaaaagtggatAaaataattttacccaccgga

>ECK125095431\_iraDp1\_forward\_4556576\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aagcatatcttattactaattggaatttgatgttgctatattgaggtctatattaataatGcctgtgaatggtatttttga

>ECK125134718\_iraMp2\_reverse\_1212123\_[TIM|S|Transcription initiation mapping]\_Strong

ttcacaaaatctcattttgtttaacatccattgagattccttgctttaaattttattttaTataagccatcattttaatta

>ECK120030215\_iraPp1\_forward\_401319\_[TIM|S|Transcription initiation mapping],[NTAS|W|Non-traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gctggtaatcaaacaaaaaatatttgcgcaaagtatttcctttgtcataaaaataatactTccagacactatgaagttgtg

>ECK120009911\_iscRp\_reverse\_2662199\_[TIM|S|Transcription initiation mapping]\_Strong

cgactaaatcagtcaagtaaatagttgaccaatttactcgggaatgtcagacttgaccctGctatgcaatacccccacttt

>ECK120015164\_istR-1p\_reverse\_3853192\_[TIM|S|Transcription initiation mapping]\_Strong

aaatacgtcaaaattcgtgccgaaattgcgcgttctgcgcggaacacgtatactttcagtGttgacataatacagtgtgct

>ECK120015163\_istR-2p\_reverse\_3853257\_[TIM|S|Transcription initiation mapping]\_Strong

actgtataaataaacagtaatatttggacaaaacgcaaactgtgatcgatactcaactatGcactaaatacgtcaaaattc

>ECK120010127\_ivbLp\_reverse\_3853023\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cctcaattttcccttgctgaaaaattttccattgtctcccctgtaaagctgtgcttgtatAaatattgttaaacacaaaac

>ECK125136406\_ivyp4\_forward\_240319\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aataaattgataacaaatgctgatattggaaatatctgatttgcaaattatcgtgttatcGccaggctttaggaggttaat

>ECK120011002\_katGp\_forward\_4133812\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atcgcatccgtggattaattcaattataacttctctctaacgctgtgtatcgtaacggtaAcactgtagaggggagcacat

>ECK120010094\_kbaZp\_forward\_3278866\_[TIM|S|Transcription initiation mapping]\_Strong

agatcagaaaaccattatctttcgttttatttttatctcaccatgacgcagtatcaactgAaacaaaacgaaagattaata

>ECK120010156\_kblp\_reverse\_3792577\_[TIM|S|Transcription initiation mapping]\_Strong

tttgcagaagtgttaacgcgttatctcgtcgcgacctataagtttgggtaatatgtgctgGaatttgccctgtctggagaa

>ECK125137120\_kdgRp9\_reverse\_1910140\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgtaactaaccggcaaaagatggattgcgaccaccctggtgcgaaattataataaaaaAcagttctgatttttataaaa

>ECK125136601\_kdpEp3\_reverse\_721894\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttccgccaggccaggagcagacgatatttgataagtttgctcgcgggaataaagagtcgGcagtaccgggggtagggctt

>ECK120010129\_kdpFp\_reverse\_728849\_[TIM|S|Transcription initiation mapping]\_Strong

tttacaccccgcccgcagatttttgcgaaatctttgcagccagaattctacccttccggtAtcacttttaggccactggag

>ECK120010694\_kdsAp\_forward\_1267854\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aatatcagcccgtcggcggaactgttttatgaagaccttgatgaagctgataacattgagGtaatccgcaaattgctggat

>ECK120030205\_kdsCp1\_forward\_3342226\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

catatcacctccgtgatggttgccgatggcgaccatttactcggtgtgttacatatgcatGatttactgcgtgcaggcgta

>ECK125135016\_kdsCp2\_forward\_3342010\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgctggaagttacccgcaaaaatcttggtatgactgtcatttgcgatgacaatatgatgAttgaaggcatctttaccgac

>ECK125135017\_kdsCp3\_forward\_3341719\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

cgcccggagagcagcatggcgcgcgccgcagatgtgcatctgtgtgttaaagtagcgaaaGaagcctgtccgttagggctg

>ECK125137507\_kduIp5\_reverse\_2984194\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatgaaacattgttttatttttaattgaaaaccctagcccatgggcatatcatccctttAtagagaaaacgaaacagtgt

>ECK125137429\_kgtPp6\_reverse\_2725809\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010130\_lacZp1\_reverse\_366343\_[TIM|S|Transcription initiation mapping]\_Strong

gctcactcattaggcaccccaggctttacactttatgcttccggctcgtatgttgtgtggAattgtgagcggataacaatt

>ECK125165942\_lapAp2\_forward\_1340186\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125136826\_ldrAp8\_reverse\_1269477\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137104\_leuEp4\_reverse\_1880767\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgctacagattggttagcatattcacctttaatcgcgcatgatcgaaagataattaaagAggttaatgtgttcgctgaat

>ECK120010237\_leuLp\_reverse\_83735\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgggacgtttttattgcgtcagggttgacatccgtttttgtatccagtaactctaaaagcAtatcgcattcatctggagct

>ECK120034384\_leuOp\_forward\_84188\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgcggtagttatgattagattgttttcgcaacaaaaacattatggattattatgctgtggTaaatgactcattccacggca

>ECK120010618\_leuQp\_reverse\_4606432\_\_

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>ECK120010615\_leuUp\_reverse\_3322278\_\_

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>ECK125138114\_leuVp2\_reverse\_4606273\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010603\_leuXp\_forward\_4496386\_\_

cgaggtgcgagcaagctggcgcttgcatggtggcgtgcgacaggtataatccacaacgttTtccgcatacctcttcagtgc

>ECK125137167\_leuZp3\_reverse\_1992050\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagctcagttggtagagcacgaccttgccaaggtcggggtcgcgagttcgagtctcgtttCccgctccagtttaaaagaca

>ECK120010131\_lexAp\_forward\_4257087\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctctggtttattgtgcagtttatggttccaaaatcgccttttgctgtatatactcacagcAtaactgtatatacacccagg

>ECK125230251\_lgtp\_reverse\_2966121\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137884\_ligBp1\_reverse\_3821256\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136573\_lipBp3\_reverse\_662399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136782\_litp8\_forward\_1198590\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136783\_litp9\_forward\_1198668\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcatatagtatcgaacatagaaaaaactgaagattcatcttattttgtatatactacctaGcccaacaatgtagaggttaa

>ECK120010241\_livJp\_reverse\_3599762\_[TIM|S|Transcription initiation mapping]\_Strong

attgttaataaactgtcaaaatagctattccaatatcataaaaatcgggtatgttttagcAgagtatgctgctaaagcacg

>ECK120010242\_livKp1\_reverse\_3597755\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtgaattattccgccctttgtgccgttattttatgctgacaaaggcacttttttctgtttAtctatcaataaattcagaat

>ECK120010666\_lldPp\_forward\_3777289\_[TIM|S|Transcription initiation mapping]\_Strong

tttcccaattaaaactcacatcaatgttgccaatacataacatttagttaaccattcattGtcattatccctacacaacac

>ECK120033254\_loiPp\_forward\_3081892\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccttatactgagactgagcgtcgattcacctgcaaacggcgcatttttagaataatcctgAccttgtgcggaagagaaaac

>ECK125145768\_lolAp\_forward\_937328\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aactgaaaattcagtattttcttctttcctcaagctgattattagcctggaatagagagtAgagggaactcccgatcggga

>ECK125136767\_lolCp5\_forward\_1175399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccctgacgatcacttacagttcagacgtttacccatcttgctttcgcttatatactcgtgTctttgctacagcaaccagac

>ECK120010282\_lpdAp\_forward\_127717\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tagacaaatcggttgccgtttgttgtttaaaaattgttaacaattttgtaaaataccgacGgatagaacgacccggtggtg

>ECK125137675\_lpoAp2\_forward\_3293211\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaccgggcattaatcccaaaatgttgcagcaataaaccggtgtgacgagtatcctcggcgGcaatcagatcaacggcctgt

>ECK125135018\_lptAp2\_forward\_3343299\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agatcaatctggtgacgcaggatgttacctctgaagacctcgtcacgttatacggaacaaCatttaactccagcggtctga

>ECK125138066\_lptFp5\_forward\_4486188\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatttcgacgactcaagagaataaatgacgtttaagccatgaaacaagctaaaatcctgcAaaagacgagtttttacgggc

>ECK125138067\_lptFp6\_forward\_4486122\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacggcattggcacgtcagaacaaaatctgagaggtgaatccgttgagtataattatcttAgcgacgatttcgacgactca

>ECK120033733\_lpxCp1\_forward\_106508\_[HIPP|W|Human inference of promoter position],[NTAS|W|Non-traceable author statement]\_Weak

gctgattaagaattgactggaatttgggtttcgaggctctttgtgctaaactggcccgccGaatgtatagtacacttcggt

>ECK120010239\_lrpp\_forward\_932328\_[TIM|S|Transcription initiation mapping]\_Strong

ttgtactaaaaatcgatgttttgctttgacaatcccctggtgttttgcgaaaacattcgaGgaagaaaaaaaacagtattc

>ECK120029295\_lspAp\_forward\_25014\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

tgggcgatgaattacgatttgtcctgttgacctccggcgctaccgttgcagactataacgAcgcacctgctgatgctcagc

>ECK120034947\_lsrRp\_reverse\_1601257\_[AIPP|W|Automated inference of promoter position],[IEP|W|Inferred from expression pattern]\_Weak

ccatcacagatataaatgagcaagaactgaacaattgcattaaagatttaaatatgttcaAagtgaagaatgaattatgac

>ECK120011039\_lysAp\_reverse\_2978951\_[AIPP|W|Automated inference of promoter position]\_Weak

ctcgcaatccggtaatccatatcatttttgcatagactcgacataaatcgatattttttaTtctttttatgatgtggcgta

>ECK120010648\_lysCp1\_reverse\_4233539\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atgaaaaatccgcatgaccccatcgttgacaaccgccccgctcaccctttatttataaatGtactacctgcgctagcgcag

>ECK120010647\_lysCp2\_reverse\_4233616\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccgttagcgtaatgttgagtgtaaacccttagcgcagtgaagcatttattagctgaactaCtgaccgccaggagtggatga

>ECK125203418\_lysOp\_reverse\_914895\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

cataacatttccttttaattgcaactttactcgtccttccgctttcagtagtgtgtcatcGcgcatttcgacttcatcttt

>ECK120010688\_lysPp\_reverse\_2248560\_[TIM|S|Transcription initiation mapping]\_Strong

gtgtcttataaccgtgtatttctgccggaaggattgccaatcgtctgctacaatcgcgccTcatttttaagatggatagca

>ECK120011040\_lysRp\_forward\_2978950\_[AIPP|W|Automated inference of promoter position]\_Weak

aatgtggcataacaaactccagataagtgcttttttatgattacgccacatcataaaaagAataaaaaatatcgatttatg

>ECK120010589\_lysTp\_forward\_780514\_\_

gtgatctacatcgaaatttttgttgcgctcaagtctgaaatcagtaatatatgccgccgtTgccacgggatatcaaacaaa

>ECK120010265\_lysUp1\_reverse\_4354805\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gatggttatttattagtgatatcaacttgaggtaagcgttagtttcgataagataaactgAgttactaatagtcgaggcag

>ECK125136965\_maeAp3\_reverse\_1555742\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgattaaacaccattgcctgcgcaatggtgtttttgtttttatctgctttatacttgagGccgacgccctggcggtaaag

>ECK125136483\_makp4\_forward\_410118\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgataacgaattgtcggcggccttgcattgccaatccggttgtccgtctctacgctattgAtattgaaaaaaataaggaga

>ECK120010132\_malEp\_reverse\_4246464\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cggtggggcgtaggggcaaggaggatggaaagaggttgccgtataaagaaactagagtccGtttaggtgttttcacgagca

>ECK120011041\_malIp\_reverse\_1699228\_[TIM|S|Transcription initiation mapping]\_Strong

aaattttagtgaggcataaatcacattacgcaacgataatagcgggtataagataaataaAaggtaaaacgttttatctgt

>ECK120010133\_malKp\_forward\_4246736\_[TASES|W|Traceable author statement to experimental support],[IMP|W|Inferred from mutant phenotype]\_Weak

ccataaaaaagccagggggtggaggatttaagccatctcctgatgacgcatagtcagcccAtcatgaatgttgctgtcgat

>ECK120010134\_malPp\_reverse\_3552510\_[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tccctgcctaatcccccgcaggatgaggaaggtcaacatcgagcctggcaaactagcgatAacgttgtgttgaaaatctaa

>ECK120010199\_malSp\_forward\_3737470\_[TIM|S|Transcription initiation mapping]\_Strong

cctgtggacttaccgctcagggatgagttttgtttggcttatcgctggcaaactgtctgaAatcgcagcaataaggactca

>ECK120011030\_malTp\_forward\_3553024\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cagacacataaaaaaacgtcatcgcttgcattagaaaggtttctggccgaccttataaccAttaattacgaagcgcaaaaa

>ECK120010195\_malXp\_forward\_1699313\_[TIM|S|Transcription initiation mapping],[ICA|W|Inferred by computational analysis]\_Strong

tcgttgcgtaatgtgatttatgcctcactaaaatttgataaaacgttttatcttctcgcgCaatttactgaatccagattg

>ECK120010326\_manAp\_forward\_1688551\_[TIM|S|Transcription initiation mapping]\_Strong

cgactttttgcggctccaggttacttcccgtaggattcttgctttaatagtgggattaatTtccacattaaaacagggatt

>ECK120010247\_manXp\_forward\_1901933\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaaagttaaattacggatcttcatcacataaaataattttttcgatatctaaaataaatcGcgaaacgcaggggtttttgg

>ECK120010245\_marRp\_forward\_1619093\_[HIPP|W|Human inference of promoter position]\_Weak

cgtggcatcggtcaattcattcatttgacttatacttgcctgggcaatattatcccctgcAactaattacttgccagggca

>ECK125136442\_matAp10\_reverse\_311460\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgaattccttttccgttcacatattgacactcatcgggaaaaaaaacataaatttaagCccaatcgaaaataattaaac

>ECK125136440\_matAp7\_reverse\_311482\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttctaaatattgacttaaccattgaattccttttccgttcacatattgacactcatcgGgaaaaaaaacataaatttaa

>ECK125136441\_matAp9\_reverse\_311432\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acactcatcgggaaaaaaaacataaatttaagcccaatcgaaaataattaaacttaatctCgtttaacctttattgatatg

>ECK125136437\_matBp5\_reverse\_310797\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaacctaaatcgattgccagaattgaaaattgtagtgtgaagacagtgtatacccatcgGcgtaatgctgaggccaagct

>ECK125136640\_mcbAp5\_reverse\_842153\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaaatcagcattatgcatgtcattgatttgtcttattttgtaaaaatatatcgttcaaaAaataagcacatctctgtcaa

>ECK125136799\_mcrAp8\_forward\_1210319\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acaaaagaaagtaaaacaacagcaacttgttgcaattttatcaataaaagtagtattgtcGtgaaaaattgattaaagatt

>ECK125137607\_mdaBp5\_forward\_3172506\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaagactttgcacattttgctaatttcaccgtaccgctctgtgacgtactatagtcggcaAacgtctcaccttgaggttaa

>ECK125137608\_mdaBp7\_forward\_3172407\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taagaattatgaggaatggctatcagtattgtcattttcagaaaatatttatcctgcatcGgtgagtcagagtaagatcag

>ECK120010175\_mdhp1\_reverse\_3384313\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

ctacacattcttgagatgtggtcattgtaaacggcaattttgtggattaaggtcgcggcaGcggagcaacatatcttagtt

>ECK120010486\_mdoGp1\_forward\_1109278\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgctgaacgataccgggattctgttgtcggaatggctggttatccattaaaatagatcggAtcgatataagcacacaaagg

>ECK120009991\_mdoGp2\_forward\_1109257\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcttaatccatgagccagcgtgctgaacgataccgggattctgttgtcggaatggctggTtatccattaaaatagatcgg

>ECK125137039\_mdtKp9\_forward\_1743375\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggggtaagaatggctattttttcactggagaattaataaatcctcgctacaatagactGaatttcccctgcttcttctt

>ECK120010194\_melAp\_forward\_4341887\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

tgggaatgctcaacctggaagccggaggttttctgcagattcgcctgccatgatgaagttAttcaagcaagccaggagatc

>ECK120010135\_melRp\_reverse\_4341650\_[TIM|S|Transcription initiation mapping]\_Strong

agggtgaaaaccgtgctcccactcgcagtcatcctccctcactcctgccataattctgatAttccaggaaagagagccatc

>ECK120009850\_menAp\_reverse\_4120406\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

catctggatgcgttggtggcagatgaagatctgagccgttttatcctataatcgcgttcaAtcattttcatcattgtttga

>ECK120010090\_menBp\_reverse\_2376887\_[AIPP|W|Automated inference of promoter position]\_Weak

ctggcggcggaactggctgccgactgccatgtcattcctcgcgccggacataacgcgcatCgggaaaatcccgctggcgta

>ECK120010062\_metAp2\_forward\_4214159\_[TIM|S|Transcription initiation mapping]\_Strong

gtgagcggcgaatactaataaccattttctctccttttagtcattcttatattctaacgtAgtcttttccttgaaactttc

>ECK120010434\_metBp\_forward\_4128636\_[TIM|S|Transcription initiation mapping]\_Strong

aagaagtttagatgtccagatgtattgacgtccattaacacaatgtttactctggtgcctGacatttcaccgacaaagccc

>ECK120011042\_metCp\_forward\_3152075\_[AIPP|W|Automated inference of promoter position]\_Weak

ctgcgcataataatatcaaaacgacgtcgaattgatagtcgttctcattactatttgcatActgccgtacctttgctttct

>ECK120011003\_metFp\_forward\_4132546\_[TIM|S|Transcription initiation mapping]\_Strong

tttcctcaccatcattggtcatttttcggttgacgcccttcggcttttccttcatctttaCatctggacgtctaaacggat

>ECK120034265\_metGp\_forward\_2194269\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tttacctgaagaatatagagaagtacttacttaacattttcccatttggtactatctaacCccttttcactattaagaagt

>ECK125203415\_metGp2\_forward\_2193758\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcgcccaacattgttgggattgatgggccgtagatatcggcgtccagaatgccgactttCgccccttctgccgccagcgc

>ECK120011004\_metHp\_forward\_4223783\_[HIPP|W|Human inference of promoter position]\_Weak

acaaatctcatgttgcgtggtggtcgcttttaccacagatgcgtttatgccagtatggttTgttgaatttttattaaatct

>ECK125140843\_metHp2\_forward\_4223505\_[TIM|S|Transcription initiation mapping]\_Strong

ggtgggtcgtggaattgggtaacccggcttgttgcgccagttccgtgagtgccacactgcCattggattcggcaatccact

>ECK120010432\_metJp2\_reverse\_4128529\_[TIM|S|Transcription initiation mapping]\_Strong

catctaaacttctttgcgtatagattgagcaaatcccaaatagccgttaaaattatatgcAttatcacgccgacaggtgca

>ECK120010431\_metJp3\_reverse\_4128466\_[TIM|S|Transcription initiation mapping]\_Strong

atcacgccgacaggtgcattacacgatgtcacggtaacgcctgtacggtaaactatgcggGtttacggtcagtacccacat

>ECK120009903\_metKp\_forward\_3086577\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gattcaaaaaaaagtggaaatagggtgaagaattgacctaaaatagccatccagatgttaAtccatccataccgattaaca

>ECK120009925\_metNp\_reverse\_222714\_[HIPP|W|Human inference of promoter position],[ICA|W|Inferred by computational analysis],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaagtgctcttcgcataaacctgattgatttagacgtctggatgccttaacatccatttcAttgacggcgttgcccgtttc

>ECK120010604\_metTp\_reverse\_697163\_\_

caattttccttgaaaaagaggttgacgctgcaaggctctatacgcataatgcgccccgcaAcgccgataaggtatcgcgaa

>ECK120010387\_metYp1\_reverse\_3318297\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cggtacaccaaatcccagcagtatttgcattttttacccaaaacgagtagaatttgccacGtttcaggcgcggggtggagc

>ECK120010614\_metYp2\_reverse\_3318375\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cattcacatgattagcaataaacgttgacaaaatgtggcgtggatcactataatgcctgcAgattttacgtcccgtctcgg

>ECK120010597\_metZp\_forward\_2947382\_[TIM|S|Transcription initiation mapping]\_Strong

tccgtgatcggggtaaaaaaaaggttgcatgaaaacgcgagcggagtatagtgcgcatccAcggacgcggggtggagcagc

>ECK120009920\_mfdp1\_reverse\_1174028\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcgccccagccggggcgattcaatttgctaaaccatgtcgattacggataatgaacagcAttgcttatcagagatatgcc

>ECK120009921\_mfdp2\_reverse\_1173992\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgtcgattacggataatgaacagcattgcttatcagagatatgcccccatatgttgaggcAtatcctaacgagaatctgac

>ECK120015495\_mglAp\_reverse\_2239391\_[AIPP|W|Automated inference of promoter position]\_Weak

ggtgcggctgatggcaccaactggaaaatcgacaacaaagtggtccgcgtaccttatgttGgcgtagataaagacaacctg

>ECK120010226\_mglBp\_reverse\_2240566\_[HIPP|W|Human inference of promoter position],[IMP|W|Inferred from mutant phenotype]\_Weak

cgctttcaatctgtgagtgatttcacagtatcttaacaatgtgatagctatgattgcaccGttttaacgttgtaacccgta

>ECK125108719\_mgrRp\_reverse\_1622914\_[TIM|S|Transcription initiation mapping]\_Strong

attaaccgagtttaagctccgtttaacattcattgagaaaactgatgctactgtgtcaacGattcgttatcagtgcaggaa

>ECK120010639\_mgtAp1\_forward\_4467363\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagcaatgggtaaagtctggtttatcgttggtttagttgtcagcaggtattatatcgccaTagatgctacgaatattattg

>ECK120009930\_mgtAp2\_forward\_4467280\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atctttgatggtcagccgattttgcatcctgttgtcctgtaacgtgttgtttaattatttGagcctaacgttacccgtgca

>ECK120009928\_mhpAp\_forward\_368519\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cctggtgcacattcgggcatgttttgattgtagccgaaaacacccttcctatactgagcgCacaataaaaaatcatttaca

>ECK120009929\_mhpRp\_reverse\_368528\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaaatgtcgttgcgcgcacagtacagcgcaacttattttgttaaaaacatgtaaatgattTtttattgtgcgctcagtata

>ECK120033730\_miaAp1\_forward\_4399052\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates],[IEP|W|Inferred from expression pattern]\_Strong

tttacccttacgccaacaaaatttacaaatcttgattcctgaactgataggctacctggcGaagcagtccgtattcgaacc

>ECK120022366\_micCp\_forward\_1437121\_[TIM|S|Transcription initiation mapping]\_Strong

aagataatacatacaaaataaaaattatacttttaatttgctatacgttattctgcgcggGttatatgcctttattgtcac

>ECK120010351\_micFp\_forward\_2313084\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aagtatttgacagcactgaatgtcaaaacaaaaccttcactcgcaactagaataactcccGctatcatcattaactttatt

>ECK120010771\_mlcp1\_reverse\_1668603\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gttaatcacatgcctaagtaaaaatttgacgacacgtattgaagtgcttcaccatagcctAcagattatttcggagcgcga

>ECK125122037\_mlrAp\_forward\_2214840\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tagatgcacaaaaaacgggcaaaactacctggttcgcaaaactgcgtctaaagttaaaccGggacctcgcgagcaagggtg

>ECK125137248\_mlrAp6\_forward\_2214749\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcgtttaactttctttgaactcttgcagaaaaatgagaattcgtgagtacgatcactcAaaatcgcctggcaaaaataa

>ECK125137496\_mltAp6\_reverse\_2947273\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccgatcacggatttggcatgattttgaacaaaaacaaatcactaaagcctattttttgtGcaaaatttgcgtcagggaga

>ECK125136399\_mltDp3\_reverse\_234025\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136400\_mltDp4\_reverse\_233982\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaagataggttctgataaaactttcttgtcatcggctccgttcgccgttatgatcggtcGtcttttaagcaactattgac

>ECK120016184\_mltFp\_forward\_2695767\_[AIPP|W|Automated inference of promoter position]\_Weak

ggtttacgcaaaatgccgctcatttatgagtaaacctttcactattattacgttttttcaAgctgggacgcgcacgacaca

>ECK125136419\_mmuPp5\_forward\_275287\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctgcgtctggtgcagggttgactttgcattctgttaacaaacgcggtataacaaaccttCtttggatgtttagatgtcca

>ECK120010502\_mngRp\_reverse\_765926\_[HIPP|W|Human inference of promoter position]\_Weak

cattatgtgatcaatttcacttgattgaaattatttgtattgtatttgtattatttacagGatgaatttatcgggcataat

>ECK120015467\_mntHp\_reverse\_2512734\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcaccacaatccatttaaatgaatttgataatcattctcgtttggcatagcatgaaacatAgcaaaggctatgttttagag

>ECK125140756\_mntPp\_forward\_1905459\_[TIM|S|Transcription initiation mapping]\_Strong

aagcaatgaaataatatattccaacagttgttttatattctcaaaatatgttaaggttgcGccctcatttggggagtagcc

>ECK125136648\_mntRp4\_forward\_853135\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atatagctattgctaaaacgttaattttttgtaccttcgcaactctggtttacaatgtgcGcacgaaatgagaacgctatg

>ECK125136649\_mntRp5\_forward\_853083\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgatccttgagggatgattgcattacatacagatatagcacaggctatattatatagctAttgctaaaacgttaattttt

>ECK125137536\_mocAp9\_forward\_3015056\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgggacgtttctgcgcacctaaatcaatgactaatgccgatgggtcaactatacttttcAcgagtctttatgacctctct

>ECK120010716\_modAp\_forward\_795062\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctcacaaaggttagcaataactgctgggaaaattccgagttagtcgttatattgtcgcctAcataacgttacattaagggg

>ECK120009998\_moeAp\_reverse\_866394\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acccagcgctacgcccgaggtggcatacagtctgtggcgtttttctgacataataggcaaAttcgattttgcctccgcagg

>ECK125136925\_mokBp3\_forward\_1492305\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gacgaaaataatcacttcacgaaattgcgtgctgttttccagaatttttcgtcattcgggTtagccagtttagccattcgt

>ECK120015463\_molR\_1p\_forward\_2196445\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

agttgttttcttgcgattttgtctctctctaacccgcataaatactggtagcatctgcatTcaactggataaaattacagg

>ECK125136874\_mpaAp2\_reverse\_1390637\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgatacaagatcgatgacatagcgttgaagaaaaggatttgataatccgcaaaatttgcAcaacactgcctgtaatactt

>ECK120009849\_mplp2\_forward\_4455760\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaattacggattatcctgaaatgcgtttctcacttgcccgacatatgcgtaaaatgagcgGcagattaaaaaaggatagtg

>ECK125136881\_mppAp13\_forward\_1393121\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttaccgcattttggagactattatttacactaaatctgatttgatatattgatacttaaaAcatttgatgcttcctttgtc

>ECK125136880\_mppAp9\_forward\_1393139\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattatttacactaaatctgatttgatatattgatacttaaaacatttgatgcttcctttGtcacttttttgatggaagtt

>ECK120010556\_mprAp\_forward\_2810747\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaatcatttttctaaaacaatacatttactttatttgtcactgtcgttactatatcggctGaaattaatgaggtcataccc

>ECK125137292\_mqop5\_reverse\_2306858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccttcatttctaataaccctataattaatcaacgaaattataatgtttctaaaattagaAtataatttataaacattatt

>ECK125137598\_mqsAp8\_reverse\_3168289\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atctggcaggatgtttacagacccaggcttgttacaggccaggtttatcttaaaattacgGtaattcatgacgtactgatc

>ECK125137599\_mqsAp9\_reverse\_3168371\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttgatggtatgtgtaatgttatcattggattatcagagagcgacttttataaaagcatGaccacctactctgatcatac

>ECK120051399\_mqsRp\_reverse\_3168653\_[TIM|S|Transcription initiation mapping]\_Strong

caaactggcgctactaatgcgccactttcttatatggtcaatcactttccttaaagaataCgttttgtgtggtcactatct

>ECK125095449\_mqsRp2\_reverse\_3168562\_[TIM|S|Transcription initiation mapping]\_Strong

aactaaccttttaggtgctttttcattgctgtaattaaccttttaggttataactaaagtAacagggaggcgggggttatg

>ECK120009845\_mraZp\_forward\_89596\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatgccttgtgactggcttgacaagcttttcctcagctccgtaaactcctttcagtgggaAattgtggggcaaagtgggaa

>ECK120011130\_mreBp1\_reverse\_3401129\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcaccgtagcagatgatttttgcgccttgtcgctgctgcgtgtggttggtaaagtaagcGgattttcttttccgccccag

>ECK120030647\_mreBp3\_reverse\_3401356\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atattcacaaagatactcggtttaacctgccgtttaatccgttttcacgtagaataatgcGcgctgcgtctcatgggagtg

>ECK125137723\_mreDp2\_reverse\_3399083\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgatgacgccggaagaggtgcatcgtgttgctaatgaacgtctgatgcagatgatgccgcAggtattgccttcgccagacg

>ECK125203414\_mrpp\_reverse\_2194203\_[TIM|S|Transcription initiation mapping]\_Strong

atagtaccaaatgggaaaatgttaagtaagtacttctctatattcttcaggtaaactatcAgctgatggtttatctataca

>ECK125137090\_msrBp6\_reverse\_1862464\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agatcaagtttaggacaaaattttgccagttggtgttaatgttttgttagaatcagtcacGtaatgtgagcacgattaaag

>ECK125137695\_mtgAp4\_reverse\_3349831\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagcatatatgctggcgcagaacattgcagaagcggcgagcggcattgataagctggtttCccgcgtgctggttctggctg

>ECK120010246\_mtlAp\_forward\_3772188\_[HIPP|W|Human inference of promoter position]\_Weak

tgatatcacacaaaaggccgtcgactggacagttaaccgattcagtgccagatttcgcagTatctacaaggtccggctacc

>ECK120030650\_mtnp\_reverse\_179183\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtgccatgtcctctcccgcgtgagaaatacgcttccccgtaagcgcatggtaaactatgcCttcaaatcgggcttatcgcg

>ECK120011032\_mtrp2\_reverse\_3305860\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttttaccatcggggctttttttctgtcttttgtactcgtgtactggtacagtgcaatgcAtaacaacgcagtcgcactat

>ECK125137626\_mugp6\_reverse\_3215496\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cattaccgcgcgcctgctgtttttataaacaatgtattttcaatccgttatacttttcctGgtgatgttagaaaggagtaa

>ECK120035117\_murQp1\_forward\_2545733\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgcgagtgtagactcaatgattcctttaagcctgtcaattcgggatatatgattccatacAtctgcaattatttgatcgta

>ECK120035116\_murRp\_reverse\_2545793\_[TIM|S|Transcription initiation mapping]\_Strong

gcacatttccagcgtcgatacgcggtcaatttcagccgaggcggtgttcgagccttcagtAatcatcttttcaaattgcat

>ECK125137501\_mutHp7\_forward\_2969614\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctaaaaagcaatataaatcagagaattgaacaacgcatgtggaaaaagttacactgcgaAtattcggcacataattgctg

>ECK120033728\_mutLp1\_forward\_4397100\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agccaggcggtgctggatttacagttcggtcattcccagcgggtagggtatgatgtagcgAccagtatgatcagtcagttg

>ECK120011044\_nadBp\_forward\_2710357\_[AIPP|W|Automated inference of promoter position]\_Weak

tttttctcgccgccctgcgtcagcgtgtttagcaactgtaacaaatattaaaatagcaggTgtttatccgcacaacatgat

>ECK120034946\_nadEp\_forward\_1822302\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

catattcttgttcatattccgtcctcttgtttatcagcgtgttagataagcctggaatacAttgggcgctttttcaagccc

>ECK125137443\_nadKp2\_forward\_2750763\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actcatgaatttctccgcgtttttttcgcattcatctcgctaacttcgcttattatggggAtcagtttcagggtttcaagg

>ECK120010137\_nagBp\_reverse\_703708\_[TIM|S|Transcription initiation mapping]\_Strong

atatcgttattatcactcccttttactggctaaaccagaaaacttattttatcattcaaaAaatcaggtcggattgacgcc

>ECK120033606\_nagCp1\_reverse\_701865\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgccagcaggtgccaacattgaacagttcatttttgcgggtaaaacaatatactaccgtaAcggactttgtgtggatgaga

>ECK120033607\_nagCp2\_reverse\_702008\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

acctggcctggcgggcgcgatcctcgacgaagctgacatttattgcggtattattgctgaTggcctgcatgttgattacgc

>ECK120010015\_nagEp\_forward\_703840\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

actcacaaaagacacgcgtttaatttgcgatacgaattaaattttcacacactctgtagcAgatgatctaacaatctgatt

>ECK125136769\_nagKp3\_forward\_1178540\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgttgctgagtcttttggcaagttggtatccggcgcggcgcgccagtaatattgacccTgcgcgagtccttagcggcca

>ECK120009897\_nanAp\_reverse\_3373620\_[TIM|S|Transcription initiation mapping]\_Strong

agatcgcattataagctttctgtatggggtgttgcttaattgatctggtataacaggtatAaaggtatatcgtttatcaga

>ECK125137706\_nanRp10\_reverse\_3374676\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttaaaaaatatgcgcttatgattattttgtaagaacacattcataatattcataatgctcGtgaatagtcttataaataat

>ECK125137705\_nanRp9\_reverse\_3374703\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttaattgtaggtgaggtgatttttcattaaaaaatatgcgcttatgattattttgtaagAacacattcataatattcata

>ECK120010630\_napFp1\_reverse\_2303574\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acaggttttaccccgatcggggtatgcatctttgacacatcctttaatatcttagcggctAtaaaaatggcttattaatta

>ECK120011005\_narGp\_forward\_1279807\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tccccatcactcttgatcgttatcaattcccacgctgtttcagagcgttaccttgcccttAaacattagcaatgtcgattt

>ECK120011006\_narKp1\_forward\_1277932\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttatcttatcgtttgatttacatcaaattgcctttagctacagacactaaggtggcagacAtcgaaacgagtatcagaggt

>ECK120015955\_narKp2\_forward\_1277821\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgctttacatcggtaagggtagggattttacagcaccgtgaaaaatctcataatttttatGaagtcactgtactcactatg

>ECK120009939\_narUp1\_reverse\_1544124\_[HIPP|W|Human inference of promoter position]\_Weak

tttcttatctattctttcaatcagcacttcacccaattcatccttaattctaataactggCtattgcgccttacctcgtgt

>ECK120015471\_narZp\_reverse\_1542690\_[AIPP|W|Automated inference of promoter position]\_Weak

agtgtttttaatcttctacatcgtttgtgtgctgctgacctggctggtttatggtcggcgGaagttcagccaaaaataaga

>ECK120010216\_ndhp\_forward\_1165992\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aacttgattaacatcaattttggtatgaccaatgcaccattcatgttattctcaatagcgAagaacattttcattgctgta

>ECK125137405\_ndkp4\_reverse\_2644960\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcaatagtctgttttgtccctgattgttgctaaaactcattttattttaaaaaaatgttAccttcatcaatagtcaacgg

>ECK120034939\_nemRp\_forward\_1726021\_[TIM|S|Transcription initiation mapping]\_Strong

gttaatgtccaaagtagcaactttgcttgcactagaccgactggtctactacactccaacGcatgaacaaacacaccgaac

>ECK120010244\_nfop\_forward\_2250806\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

attcaaagcgtcatcgcataaaccactacatcttgctcctgttaacccgctatcattaccGttttcctccagcgggtttaa

>ECK120010037\_nfsBp\_reverse\_605453\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gaaatctatagcgcatttttctcgcttaccatttctcgttgaaccttgtaatctgctggcAcgcaaaattactttcacatg

>ECK120010251\_nhaAp1\_forward\_17458\_[TIM|S|Transcription initiation mapping]\_Strong

aattattcctacactataatctgattttaacgatgattcgtgcggggtaaaatagtaaaaAcgatctattcacctgaaaga

>ECK125136816\_nhaBp7\_reverse\_1234767\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

catctctttccccttgactatcaagacttgcctcactcctgcctgaccgttaagctttgcGtttaaacataaaaacatcat

>ECK120011007\_nirBp\_forward\_3493987\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ataaaggtgaatttgatttacatcaataagcggggttgctgaatcgttaaggtaggcggtAatagaaaagaaatcgaggca

>ECK125137062\_nlpCp5\_reverse\_1792760\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcgaccatctgatttcattagtatcttgaaaatcgggtaattacgacgctaaattaatgcAagaataaaaaacagaggaac

>ECK120010530\_nlpDp1\_reverse\_2868829\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK120010531\_nlpDp2\_reverse\_2868782\_[TIM|S|Transcription initiation mapping]\_Strong

gtatcgtgaacatcttttccagtgttcagtagggtgccttgcacggtaattatgtcactgGttattaaccaatttttcctg

>ECK120015394\_nohAp\_reverse\_1636603\_[AIPP|W|Automated inference of promoter position]\_Weak

cataattgattatttgacgtggtttgatggcctccacgcacgttgtgatatgtagatgatAatcattatcactttacgggt

>ECK120010138\_nrdAp\_forward\_2344755\_[TIM|S|Transcription initiation mapping]\_Strong

ttcctgagttatccacaaagttatgcacttgcaagagggtcattttcacactatcttgcaGtgaatcccaaacataccccc

>ECK120010044\_nrdDp\_reverse\_4462838\_[TIM|S|Transcription initiation mapping]\_Strong

caaaaaaagctcaaacatccttgatgcaaagcactatatatagactttaaaatgcgtcccAacccaatatgttgtattaat

>ECK120009855\_nrdHp\_forward\_2800656\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccactatttgctatatattgtgtggttgaatcttttttcaactacatctagtatctctgtAtcaacagagagacaacccga

>ECK120033028\_nrdRp\_forward\_432977\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctttatctcaaaagcgttgcgcctttgttgtatcgtcagttcagggtaaaatagatttccGttaaccacctggtcaggacg

>ECK120010250\_nrfAp\_forward\_4287671\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

atgcacttacaattgattaaagacaacattcacagtgtggttatttgttacacataggggCgagcaatgtcatgacagtgt

>ECK120015433\_nudBp\_reverse\_1948674\_[HIPP|W|Human inference of promoter position]\_Weak

cgaaatcattcgcgttgcatcgaggcggcaactgagtgaactcccatgagcatagataacTatgtgaatgggatgagcgaa

>ECK125137985\_nudCp2\_forward\_4196719\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttagcctcatgtacgattctttgccaggcttaatgccaaccagattgtagtaagccacGagcagatgcttacgtacatg

>ECK125137759\_nudEp6\_reverse\_3526246\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaaattcctggagttatttcaacctattgacttttaatttgatttgaggacgattatttAttaagttacataaatgtaaa

>ECK125137308\_nudIp3\_forward\_2364525\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatcatcgcaaaagagattactgtcactttcacatatttgtgagttaccgtattctcatgGtttctttttatttataagga

>ECK120010535\_nuoAp2\_reverse\_2405162\_[TIM|S|Transcription initiation mapping]\_Strong

atagaaaggagtaaaaaaccacatcaattagctgtataaaagaatttctacagtgattgtAaggttttttttattcctccc

>ECK125137331\_nuoNp1\_reverse\_2391717\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgttatctctacctttgggctggtctttgcatctgtttattcgctggcgatgttacatcGcgcttacttcggtaaagcga

>ECK120010207\_nupCp\_forward\_2513009\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acgtcattatagtgtgtgtcagatctcgttttccttaaccatgttacatagaatgtgcacGgaaatttaacctgcctcata

>ECK120010192\_nupGp\_forward\_3105651\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttgcaattatttgccacaggtaacaaaaaaccagtccgcgaagttgatagaatcccatcAtctcgcacggtcaaatgtgc

>ECK125137231\_ogrKp5\_reverse\_2167548\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgagtgatgtttttattttatctgtttgttttgtaagggtaaattaactaaaatggcaccAtcaacaaaaccggaagaggt

>ECK120032971\_ohsCp\_forward\_2700518\_[TIM|S|Transcription initiation mapping]\_Strong

ttttatgctaaagattgcaagttgcttgtaaaagataagtacactgatccataatcgctgTtgttgagggtgcatgctgca

>ECK120010139\_ompAp1\_reverse\_1020191\_[TIM|S|Transcription initiation mapping]\_Strong

tttttttcatatgcctgacggagttcacacttgtaagttttcaactacgttgtagactttAcatcgccaggggtgctcggc

>ECK120010140\_ompCp1\_reverse\_2312830\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

cttaaaagttttagtatcatattcgtgttggattattctgcatttttggggagaatggacTtgccgactgattaatgaggg

>ECK125136907\_ompNp4\_reverse\_1436984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttattatcatttcagaggaattatttgattaaggttttacttaaggcgtaacaaatgatAtttatcggctaactgaactt

>ECK125136908\_ompNp6\_reverse\_1437058\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgcagaataacgtatagcaaattaaaagtataatttttattttgtatgtattatcttcgAtacattcaccagacttatta

>ECK120010663\_ompRp1\_reverse\_3536707\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taacgtgatcatatcaacagaatcaataatgtttcgccgaataaattgtatacttaagctGctgtttaatatgctttgtaa

>ECK120010235\_ompRp2\_reverse\_3536685\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcaataatgtttcgccgaataaattgtatacttaagctgctgtttaatatgctttgtaacAatttaggctgaaattcatac

>ECK120010664\_ompRp3\_reverse\_3536639\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atatgctttgtaacaatttaggctgaaattcataccagatttagctggtgacgaacgtgaGcttttttaagaatacacgct

>ECK120010665\_ompRp4\_reverse\_3536755\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcatctcgttgattccctttgtctgtttgataatgcgcacattgggtataacgtgatcatAtcaacagaatcaataatgtt

>ECK120034941\_ompXp1\_forward\_850209\_[TIM|S|Transcription initiation mapping]\_Strong

atacccaatgctggttgagcatttgttgaaaaaattttcccccgttttgactaaaatgcgCcaggattgatggaatcatta

>ECK125138111\_opgBp7\_reverse\_4599494\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacatcgcatttttttgacactagaattgcagcaatatggcgacgccattacattgtgctTctcaaaaagcttaaacgttg

>ECK125136931\_opgDp7\_forward\_1496682\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgctttaaaatctgaccatccgcctttgcaaaaatttgcctgattttacaaacgaatcAggctcatcccatcgacataa

>ECK125136933\_opgDp9\_forward\_1496776\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatgcatattctctcagttcaacaattggattattaataaatattgtctagagtgagcgGtcataaataagcactttctt

>ECK125138036\_ornp5\_forward\_4391584\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtcgcccctgatgggcaaaacatctatgatacacgcaattgtggatcaatatagtcactGtgaatgggtggaaaatagca

>ECK120010476\_osmBp2\_reverse\_1343369\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcgcgagcagatttcacggaataatttcaccagacttattcttagctattatagttatagAgagcttacttccgtgaatca

>ECK120010488\_osmCp1\_forward\_1556596\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gccggattttattcggaatatcctgcttatcctcgtgctgtttctcacgtagtctataatTtcctttttaagcccacagga

>ECK120010487\_osmEp\_reverse\_1822283\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aagcggagccgtttcgttcacgggcttgaaaaagcgcccaatgtattccaggcttatctaAcacgctgataaacaagagga

>ECK120010473\_osmYp\_forward\_4611153\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttgcttatgttttcgctgatatcccgagcggtttcaaaattgtgatctatatttaacaaaGtgatgacatttctgacggcg

>ECK125109032\_oxySp\_reverse\_4158394\_[HIPP|W|Human inference of promoter position]\_Weak

taggtagaatagcaatgaacgattatccctatcaagcattctgactgataattgctcacaGaaacggagcggcacctcttt

>ECK120010709\_paaAp\_forward\_1453865\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atccgtcacagttcaaacatacaaaatttgtgattttacttaactattgtgtaactttcaTaaaacaatgtgattcgtgtt

>ECK120010753\_paaXp\_forward\_1463509\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggccctggtggggtaaagcgccagggccagaagtcgatacgacctgtgctatgattcataAatcacaacaataacaacaga

>ECK120010393\_pabAp1\_reverse\_3490851\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ctgcagatgatatttagcaaagtggtaagcgaagccggggaatctgagtaaaatagcgcgGttcttttgtaccggagccgc

>ECK120034550\_panBp\_reverse\_149630\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tggcagtgctgctacggataaatcattgcccccaccaatgtgactgataaaatgccagacAgcacaacatcaatttatcag

>ECK125136374\_panCp4\_reverse\_148910\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatcctcgtgatgcacgacgcctttggtattaccggcggtcacattcctaaattcgctaAaaatttcctcgccgaaacgg

>ECK125203426\_panDp2\_reverse\_146754\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gctgacgcaaatgccgtcagatgagtagacactaaacaaaaatcgggcaatactgcgtgaGaatttcctcaaagcaggcat

>ECK125137596\_parCp4\_reverse\_3166030\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacgtccggcggcgctattcacgttgatctcctgtgactcgacgcggcagataatgtagtAtctccggcaatattgcccct

>ECK125137253\_pbpGp5\_reverse\_2225066\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgctggcgattggcgtgctggtactggaagtgctgctcgccctaaccgttatactatgggGctacggttatcgtttgttct

>ECK125137254\_pbpGp7\_reverse\_2224941\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcagcatttcctcacgattctcctttgacgatcgcactttttgctcgttatgatggcgtcGctagcctcagtaaatcctta

>ECK120010202\_pckp\_forward\_3532679\_[IDA|S|Inferred from direct assay],[HIPP|W|Human inference of promoter position],[IMP|W|Inferred from mutant phenotype]\_Strong

gatttaaccttttgagaacattttccacacctaaaatgctatttctgcgataatagcaacCgtttcgtgacaggaatcacg

>ECK120016348\_pcnBp1\_reverse\_159151\_[TIM|S|Transcription initiation mapping]\_Strong

caacattctcaaatgcgtcatgctgagctatgattagccgctatttttttgtcctgaatgAtgtttgacactaccgaggtg

>ECK120016349\_pcnBp2\_reverse\_159195\_[TIM|S|Transcription initiation mapping]\_Strong

aaactggcggcttaccgccgtgcccgagtcggcaattgtaaattcaacattctcaaatgcGtcatgctgagctatgattag

>ECK120009927\_pcnBp3\_reverse\_159171\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgagtcggcaattgtaaattcaacattctcaaatgcgtcatgctgagctatgattagccgCtatttttttgtcctgaatga

>ECK120010280\_pdhRp\_forward\_122034\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttcatgatttcaatcaaaacctgtatggacataaggtgaatactttgttactttagcgtcAcagacatgaaattggtaaga

>ECK120049221\_pepAp2\_reverse\_4486112\_[TIM|S|Transcription initiation mapping]\_Strong

gtttcatggcttaaacgtcatttattctcttgagtcgtcgaaatcgtcgctaagataattAtactcaacggattcacctct

>ECK120026311\_pepDp3\_reverse\_255737\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cctgtcttgtgttgacaacattttctgctaaccctgtgacctgcaatactgttttgcgggTgatcgacaaggagacttaac

>ECK125109852\_pfkAp1\_forward\_4107522\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tactatttgcacattcgttggatcacttcgatgtgcaagaagacttccggcaacagatttCattttgcattccaaagttca

>ECK120010770\_pfkAp2\_forward\_4107474\_[HIPP|W|Human inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

accgccatttggcctgacctgaatcaattcagcaggaagtgattgttatactatttgcacAttcgttggatcacttcgatg

>ECK125199579\_pflAp\_reverse\_951154\_[TIM|S|Transcription initiation mapping]\_Strong

gggccttttttagcgcgagagccttttttgtcagctatctatactttaaggtgactgccaAaacagactcgacgtagcctt

>ECK125136684\_pflAp8\_reverse\_951228\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcactcaatctatgtaattagatttgactgaaatcgtacagtaaaaagcgtacaataaagGctccacgaaagtggggcctt

>ECK125137981\_pflDp3\_forward\_4143953\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgctgacgccattatgagcaaaattgaagctcacctggcgcaaaccgcttaagttcttctCccgctcgcaagggcgggttc

>ECK120010649\_pgip\_forward\_4233722\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

acattacgctaacggcactaaaaccatcacatttttctgtgactggcgctacaatcttccAaagtcacaattctcaaaatc

>ECK120015412\_pgkp1\_reverse\_3072857\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

gaagtcaacctgttgctgcaaaaagcagcacaaggtgcatttcatggtatagttgactatAcggaattgccgttggtctct

>ECK125109854\_pgkp3\_reverse\_3072735\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cacccaaacccgggtcagtggcgcacacctgatcaaaacgttggtctggtgcgataacgaAtggggctttgctaaccgaat

>ECK125165943\_pgpBp\_forward\_1339309\_[TIM|S|Transcription initiation mapping]\_Strong

cggaatggcacaaatctgtcaatttttcctggaactggcgttttcagttatgattgtgggActtatcaaaaaggagaggcc

>ECK125136859\_pgpBp4\_forward\_1339235\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatgctggttctgtattggcttattttgccataacgagaaggggttcacctaatcacgacGcgtcgatcgttcacggaatg

>ECK125136861\_pgpBp6\_forward\_1339162\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcaggaaatcgccccatggggttggcagtttggcttctgccacacgtttaagctgcatgAaattctccagataatgctgg

>ECK120010366\_pheLp\_forward\_2737579\_[TIM|S|Transcription initiation mapping]\_Strong

aacgcgccttcgggcgcgttttttgttgacagcgtgaaaacagtacgggtactgtactaaAgtcacttaaggaaacaaaca

>ECK120015419\_phePp\_forward\_601929\_[TIM|S|Transcription initiation mapping]\_Strong

cccgtttaaccgtgtggattgtgtcttgcgacgatgggcactaaatgttaaaaggtgcccCtcaacaaaaaagacacacag

>ECK120010617\_pheUp\_reverse\_4362627\_\_

aatcgcttttactgaaattaggttgacgagatgtgcagattacggtttaatgcgccccgtTgcccggatagctcagtcggt

>ECK120010598\_pheVp\_forward\_3110365\_\_

gcagtaaattgaagaaatttgattgacgagacgaggcgaatcaggtttaatgcgccccgtTgcccggatagctcagtcggt

>ECK120010252\_phnCp\_reverse\_4325206\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atcgaattcccgttaactcttcatctgttagtcacttttaattaaccaaatcgtcacaatAatccgccacgatggagccac

>ECK120011010\_phoAp\_forward\_401707\_[HIPP|W|Human inference of promoter position],[NTAS|W|Non-traceable author statement]\_Weak

aaagttaatcttttcaacagctgtcataaagttgtcacggccgagacttatagtcgctttGtttttattttttaatgtatt

>ECK120011011\_phoBp\_forward\_417101\_[HIPP|W|Human inference of promoter position],[NTAS|W|Non-traceable author statement]\_Weak

tgaagatatgtgcgacgagcttttcataaatctgtcataaatctgacgcataatgacgtcGcattaatgatcgcaacctat

>ECK120011028\_phoEp\_reverse\_260158\_[TIM|S|Transcription initiation mapping]\_Strong

ttttaagaatattattaatctgtaatatatctttaacaatctcaggttaaaaactttcctGttttcaacgggactctcccg

>ECK120010317\_phoHp1\_forward\_1084865\_[TIM|S|Transcription initiation mapping]\_Strong

gcacacagcttttttcatcactgtcatcactctgtcatctttccagtagaaactaatgtcActgaaatggtgttttatagt

>ECK125134711\_phoUp\_reverse\_3907665\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ggctgcgcgttgttccgaccacacggcgtttatgtacctgggcgaattgattgagttcagCaacacggacgatctgttcac

>ECK125137910\_phoUp2\_reverse\_3907646\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacacggcgtttatgtacctgggcgaattgattgagttcagcaacacggacgatctgttcAccaagccagcgaagaaacaa

>ECK125136796\_pinEp1\_forward\_1209527\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatttatttgtcggataagcctttgccagttccgggtattcttcagcagaaaaagcggcAccattgcatttcagccagcc

>ECK120029525\_pitBp\_reverse\_3136403\_[HIPP|W|Human inference of promoter position]\_Weak

tatcgttaaaaaatgatatttcactttgcccatgccgttaaagtcactgataatgcgtccGttcgtaaattcaaaatggcg

>ECK125140844\_pkap\_forward\_2719931\_[TASES|W|Traceable author statement to experimental support],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

aaaacgcaacatctgggtagcatcacagcagaacagttagaaagcgtttaaaatcattcgGtcacttctgcgggagaccgg

>ECK120049219\_pldAp\_forward\_4004814\_[HIPP|W|Human inference of promoter position]\_Weak

ggtttctactttaggaagggataactaacggctatggagttaagtatgtaaaatagcccgCagaaaaatattcaccttatc

>ECK125137932\_pldBp4\_forward\_4009023\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgagcgaggtggtcatagtgttgattgcaccagagcctggcgacaggcttaaaatgatcgAtgtcagcaggtaggcaaacc

>ECK125203411\_plsXp\_forward\_1147577\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

ggccgcaaggtcatcgctaagtaatcacgcatctgcgtgatgaagcttagtgaggattttCcccaggcaactggggaaaga

>ECK125137312\_pmrDp3\_reverse\_2373574\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcacttctcatttctgccattccattgccgttgataaagagtttatctgttaatctgtaaAttgatgtgaaaactcttagc

>ECK120011045\_pncBp\_reverse\_990414\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaaggtggcatatggtgtgatcggggttcaataaattgcgaaacaaggtatactccagcaGttcctgaagatgtttattgt

>ECK120010385\_pnpp\_reverse\_3311326\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gagtggccccttttttcaagctgacggcagcaattcactggaaactaatgtattgttgctAtgaatgatcttccgttgcag

>ECK120010629\_pntAp\_reverse\_1677975\_[HIPP|W|Human inference of promoter position]\_Weak

attttcagtacgttatagggcgtttgttactaatttattttaacggagtaacatttagctCgtacatgagcagcttgtgtg

>ECK120015389\_polBp\_reverse\_65803\_[AIPP|W|Automated inference of promoter position]\_Weak

gggcagtaatgactgtataaaaccacagccaatcaaacgaaaccaggctatactcaagccTggttttttgatggattttca

>ECK125136772\_potDp5\_reverse\_1182848\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtgctgtcgctggtgatggttattgccagccagcttattgctcgtgataaaacgaaagGtaacacaggggacgttaaat

>ECK125095184\_ppdDp\_reverse\_117705\_[AIPP|W|Automated inference of promoter position]\_Weak

tgcgttttcgctaatagttgacagatttatccgctccatcgcgggcggataatctcccctTccccaactttcttcgtaacg

>ECK125137467\_pphBp1\_forward\_2859737\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctatcgggaatattaacgacaactgacgaataaaataaaaacaccctgtataataggaaAgcttattttacagggtaaaa

>ECK120010560\_ppiAp1\_reverse\_3492335\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agatacgtaaaattaggtaaagggatggccttgttcttgaaggctatttagaatctcttcActtgctttttttctgctctg

>ECK120010561\_ppiAp2\_reverse\_3492395\_[HIPP|W|Human inference of promoter position]\_Weak

cattttaagaggtgattttgatcacggaataaaaagtgatcgtcaggttacatatatttcAgatacgtaaaattaggtaaa

>ECK120010562\_ppiAp3\_reverse\_3492430\_[HIPP|W|Human inference of promoter position]\_Weak

gtttaaatgttttattgcaatcggttgctaaattgcattttaagaggtgattttgatcacGgaataaaaagtgatcgtcag

>ECK120010563\_ppiAp4\_reverse\_3492449\_[HIPP|W|Human inference of promoter position]\_Weak

ttaggtgattttgtgatctgtttaaatgttttattgcaatcggttgctaaattgcattttAagaggtgattttgatcacgg

>ECK120010558\_ppiDp2\_forward\_461819\_[TIM|S|Transcription initiation mapping]\_Strong

ggcgcatctactgatgtgccttttttatttgtattcggtgactttctgcgtcttgtgggcTgacaattgcccccgtttctt

>ECK125137058\_ppsRp6\_forward\_1787383\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctgttttcataaaaaataaaattgaaggttcattttataaaccagacataacgttctacGcttctgtgcgtttttaattt

>ECK125137059\_ppsRp8\_forward\_1787351\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catcggtataaacgaaaccataaaaatgaaatgctgttttcataaaaaataaaattgaagGttcattttataaaccagaca

>ECK120010220\_ppsp\_reverse\_1787161\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tatatttgcttgaacgattcaccgtttttttcatccggttaaatatgcaaagataaatgcGcagaaatgtgtttctcaaac

>ECK125136955\_pptAp6\_forward\_1532867\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aattattttcagggatacggcacattgctattaatattttgacgaatgataaggtattcaAggcagggttaagacgtaaga

>ECK120010681\_pqiAp1\_forward\_1011666\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccgcggcaaaagcagaaactgtaaaacgcagcagtagcaaactaagctataaattgcagcGcgaactggagcagctaccgc

>ECK125138118\_prfCp4\_forward\_4609356\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136413\_proBp8\_forward\_260216\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacaggaaagtttttaacctgagattgttaaagatatattacagattaataatattcttaAaatgtggtaatttattaaat

>ECK120010616\_proKp\_reverse\_3708694\_\_

aggcattttgctattaagggattgacgagggcgtatctgcgcagtaagatgcgccccgcaTtcggtgattggcgcagcctg

>ECK120010594\_proLp\_forward\_2286207\_\_

atcagttagcgaaatatcttacttgcaatcggtgtggaaaacggtagtattagcagccacGagtcggcacgtagcgcagcc

>ECK120010213\_proPp1\_forward\_4330320\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcctaaacgaaatccatgtgtgaagttgatcacaaatttaaacactggtagggtaaaaagGtcattaactgcccaattcag

>ECK120010285\_proSp\_reverse\_218837\_[TIM|S|Transcription initiation mapping]\_Strong

aaccgcgttaaattcacgcccttctcttttgacatttcttttgcactggtaaactaaatcActtttttttgtcccaggctc

>ECK120010368\_proVp1\_forward\_2804563\_[TIM|S|Transcription initiation mapping]\_Strong

taattcccgccaaatagctttttatcacgcaaataatttgtggtgatctacactgatactCtgttgcattattcgcctgaa

>ECK120010369\_proVp2\_forward\_2804599\_[TIM|S|Transcription initiation mapping]\_Strong

tttgtggtgatctacactgatactctgttgcattattcgcctgaaaccacaatattcaggCgttttttcgctatctttgac

>ECK120010370\_proVp3\_forward\_2804755\_[TIM|S|Transcription initiation mapping]\_Strong

ttcatgccacatttgccatcaggggttgcctcagattctcagtatgttagggtagaaaaaAgtgactatttccattgggta

>ECK120015167\_prpRp\_reverse\_348471\_[HIPP|W|Human inference of promoter position]\_Weak

tttcaggcaatgtttcaccgcgtttcattgcaacaattatgaaacaagactaaacccaatAttcggtttcttaactttgcg

>ECK120011046\_prsp\_reverse\_1262177\_[TIM|S|Transcription initiation mapping]\_Strong

tcgcaagaaaacgttttcgcgaggttgatgcggtgctttcctggctgttagaatacgcccCgtcgcgcctgactgggacag

>ECK120009916\_psiEp\_forward\_4240300\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgaacaaaacatacacaaaaaatatagatctccgtcacatttttgcgttatacaggaagcTcgccactgtgaaggaggtac

>ECK120009905\_pspFp1\_reverse\_1367945\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatctttttgatttataaagatctgattgaagaatcaacagcaacatgccaggatgagttAgcgaattacactaacaagtg

>ECK120009907\_pspFp3\_reverse\_1368040\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

caaagcgagaaaaaatacccataatgttgtcctcttgatttctgcgttcaggattgtcctGctgaactgttaatacaattt

>ECK125137426\_pssAp4\_forward\_2722578\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgctagcccgcaagctcgggtttaacgttgatatccagctcgaagaggggatcgttgggCttacgctaaatcttgcccag

>ECK125137427\_pssAp6\_forward\_2722667\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcatgagtaaggtactggaaatgttgaccacttaatcgggactggtgttattattgcccGcttatgtcgtctgcattgca

>ECK120035100\_pstBp\_reverse\_3908447\_[HIPP|W|Human inference of promoter position]\_Weak

agaggggcgaggggaccgaccgagcgcctttttgactctgtacacggttaacactttgccGgatgcggcgtgaacgcctga

>ECK125134709\_pstBp1\_reverse\_3908556\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ttaccctgtgcgtactgctgctgaacattctggcgcgcgttgtttttgcgaagaataaacAcggttgatattgctgacacg

>ECK125134707\_pstCp\_reverse\_3910542\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

cggggctaaacaggcgaacgacctggattacgccagcctgccggatagtgtagttgaacaGgttcgcgctgcgtggaagac

>ECK120010253\_pstSp\_reverse\_3911568\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcataaaactgtcatattccttacatataactgtcacctgtttgtcctattttgcttctcGtagccaacaaacaatgcttt

>ECK120009901\_pthp\_reverse\_1258542\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatctgcatttgatacgcagttttttgtcaagcggggccgcaaccagtaaactacgcgccAgttatgtacacactcaggac

>ECK120010375\_ptrAp\_reverse\_2959011\_[TIM|S|Transcription initiation mapping]\_Strong

aatcagtcatgagtgctgtataaaaattgcgcaatctatccgcttactttatgatgcgcaCcagtcacggactgatggtta

>ECK120009862\_ptsGp2\_forward\_1157626\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atccgttgaatgagtttttttaaagctcgtaattaatggctaaaacgagtaaagttcaccGccgaaaattgggcggtgaat

>ECK120010357\_ptsHp2\_forward\_2533601\_[TIM|S|Transcription initiation mapping]\_Strong

caaagctgaatcgattttatgatttggttcaattcttcctttagcggcataatgtttaatGacgtacgaaacgtcagcggt

>ECK120010356\_ptsHp4\_forward\_2533501\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcaaactttcgcccctcctggcattgattcagcctgtcggaactggtatttaaccagactAattattttgatgcgcgaaat

>ECK120010161\_purAp\_forward\_4404664\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggtcatttttgagtgcaaaaagtgctgtaactctgaaaaagcgatggtagaatccattttTaagcaaacggtgattttgaa

>ECK120011012\_purCp\_reverse\_2597781\_[TIM|S|Transcription initiation mapping]\_Strong

ttagcaagtaaaaatacagggctggaatcatccggcccttttttctgatatgatacgcaaAcgtgtgcgtctgcaggaaaa

>ECK120010154\_purEp\_reverse\_553142\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

gctgatttcacagccacgcaaccgttttccttgctctctttccgtgctattctctgtgccCtctaaagccgagagttgtgc

>ECK120011013\_purHp\_reverse\_4207627\_[TIM|S|Transcription initiation mapping]\_Strong

tcaccattgaaagagaaaaattcgcgagcgttgcgcaaacgttttcgttacaatgcgggcGaaaaataaggatgccccgtt

>ECK120011014\_purLp\_reverse\_2695589\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtgattttatttccacgcaaacggtttcgtcagcgcatcagattctttataatgacgcccGtttcccccccttgggtacac

>ECK120011015\_purMp\_forward\_2621153\_[TIM|S|Transcription initiation mapping]\_Strong

tgcaaaaaggttgtgtaaagcagtctcgcaaacgtttgctttccctgttagaattgcgccGaattttatttttctaccgca

>ECK120011016\_purRp\_forward\_1737689\_[TIM|S|Transcription initiation mapping]\_Strong

ataatgataagtgtttttaccacttccccttttcgtcaagatcggccaaaattccacgctTacactatttgcgtactggcc

>ECK125137137\_purTp3\_forward\_1930855\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggttgagaaatcaacatcagcaataaagacacacgcaaacgttttcgtttatactgcgcGcggaattaatcaggggatat

>ECK125136834\_purUp3\_reverse\_1288751\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcaataattgaacgttcgcgatttttgaaagaaaacggtcaatggtactatattgacggtAcacgtccgcagtttggtcgc

>ECK120010662\_putAp\_reverse\_1078925\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttgctacgcatgtcacatttaacatggttgcacaaagttgcaacatcatggatatttcacGataacgttaagttgcacctt

>ECK120010626\_putPp1\_forward\_1079168\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gagtgcaacctgatgaaaaatagtgtcgctgagcactaaaatttaatgtaaatggtgtgtTaaatcgattgtgaataacca

>ECK120010315\_putPp4\_forward\_1079210\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttaatgtaaatggtgtgttaaatcgattgtgaataaccagcgcttccggcaggatacggtCgccctggtaaaacataaact

>ECK120034249\_pykAp1\_forward\_1937544\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgataagcagttacttaatttaagtgacgatcgctaaaaacgactgtcactgtcctaatCttatacgacatccgaatgag

>ECK120034250\_pykAp2\_forward\_1937494\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attcagagataacttgaagcgggtcaaagaagcgctgaaggaatcgcgttttgataagcaGttacttaatttaagtgacga

>ECK120010529\_pykFp\_forward\_1755467\_[HIPP|W|Human inference of promoter position]\_Weak

atattttttgaaacgctgtttttgttttccttttggattaatttcagcgtataatgcgcgCcaattgactcttgaatggtt

>ECK120034238\_pykFp1\_forward\_1755663\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gcaccaccactttcgtaataccggattcgctttccggcagtgcgcccagaaagcaagtttCtcccatccttctcaacttaa

>ECK120011017\_pyrCp\_reverse\_1122643\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgcattcgcgccctttatttttcgtgcaaaggaaaacgtttccgcttatcctttgtgtccGgcaaaaacatcccttcagcc

>ECK120011018\_pyrDp\_forward\_1004732\_[TIM|S|Transcription initiation mapping]\_Strong

acgtttgcgttttttttgccgcaggtcaattcccttttggtccgaactcgcacataatacGcccccggtttgcacaccggg

>ECK120010324\_pyrFp\_forward\_1341870\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcctgccaggggagaaatcgcaactgttaattttttatttccacgggtagaatgctcgccGtttacctgtttcgcgccact

>ECK120009854\_pyrHp\_forward\_191812\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atcttgtaaattcagctaacccttgtggggctgcgctgaaaagcgacgtacaatgtcgctAgtattaattcatttcaatcg

>ECK120016575\_qseBp1\_forward\_3169801\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK120016568\_qseBp2\_forward\_3169749\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137484\_queEp7\_reverse\_2905606\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcggtaattttatattcgttatcattaaaaactaatacagaaaaaataaatataattttgGtgaatgttttgacatgatta

>ECK125136890\_racRp3\_reverse\_1420244\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgtgcctaatgcagtaagggtagggattgcctaatgtaatgcgcataggagaatattaaGcaatgcttagtggtaaagac

>ECK125136891\_racRp4\_reverse\_1420449\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137924\_rarDp1\_reverse\_4004227\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acacaatgaagaacagctttatattgccagtgccaccgccacctatatggtaggttgaagAcataaaagcaggtaaactgc

>ECK125137926\_rarDp3\_reverse\_4004258\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaataaagtcgccgtcgcccgcgttgaattacacaatgaagaacagctttatattgccaGtgccaccgccacctatatgg

>ECK125136412\_rayTp8\_forward\_247624\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgctttcccgatataaaacaacctcattgccaacctttccttttcttcttaccgttgagaAaaaggagtcgccatgtctga

>ECK125137316\_rbnp4\_forward\_2381581\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcagatcttgccattcaatcataatgctctccttttagatgtatgccttatactagccgGaatattttttgaaacgtgat

>ECK120010256\_rbsDp\_forward\_3933322\_[TIM|S|Transcription initiation mapping]\_Strong

atcacatttccgtaacgtcacgatggttttcccaactcagtcaggattaaactgtgggtcAgcgaaacgtttcgctgatgg

>ECK120032985\_rcnAp\_forward\_2185827\_[TIM|S|Transcription initiation mapping]\_Strong

tttctgtttatcacggattgtatgagacatggcaacacctggttaacaagaatatgaaaaAtcatagcactattaatctac

>ECK120032986\_rcnRp\_reverse\_2185903\_[TIM|S|Transcription initiation mapping]\_Strong

aagaaccaggcgtttccttgctgaagaagagttgtaaattcggtcatgataataattcttAgtattaattcggcaatctga

>ECK120010578\_rcsAp\_forward\_2023836\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ctcactcacatatcgcaacatttactttactttaagacaattccaggcaaattatacaacActttacgggatagtaagtcc

>ECK125109864\_rcsBp1\_forward\_2315695\_[TIM|S|Transcription initiation mapping]\_Strong

gggtgcaacctgtatcacacccgatgaaagattaattagtcaagattatgatatctttttAacggataatccgtctaatct

>ECK125109865\_rcsBp2\_forward\_2315975\_[TIM|S|Transcription initiation mapping]\_Strong

tattatgcgctctttgtagacacagtaccggatgatgttaagaggctgtatactgaagcaGcaaccagtgactttgctgcg

>ECK125109863\_rcsDp\_forward\_2313452\_[TIM|S|Transcription initiation mapping]\_Strong

tagagaatcatcaatcaggtaagagtctggaatttcacactgtaccctttatactgccctAtcacttcgcgaagttttaac

>ECK125136827\_rdlAp5\_forward\_1269323\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgcgagcgtcatatagccgccttgttgtaatgacaacattttgcggctattcttgaattGttctggttcaagattagccc

>ECK120009856\_rdoAp\_forward\_4042391\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aagagtaaaagcttgtaagcggcgccaccaaaatcatcgtgaaatgatatccttcgtcatTcgtaatgttttccggatgat

>ECK120011019\_recAp\_reverse\_2823819\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cttgtggcaacaatttctacaaaacacttgatactgtatgagcatacagtataattgcttCaacagaacatattgactatc

>ECK120016569\_recCp\_reverse\_2962507\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgccaactggcaggtcaaccgaatgcagacatcgcaggcgggatgtgtcagcatcagcgtTacgctagtttcacccggggg

>ECK120015765\_recNp\_forward\_2751759\_[HIPP|W|Human inference of promoter position]\_Weak

aattattctaattttacgccagcctctttactgtatataaaaccagtttatactgtacacAataacagtaatggtttttca

>ECK125137930\_recQp2\_forward\_4005833\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggattaccctctcagagactaaaagcattgcagtttctcgcgcaggcgctgaaaatagcgCctgtttttatttcaggcaat

>ECK120010374\_relAp1\_reverse\_2913829\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

gtgttatgcagcaaattataaaactggaacctattcgtatagtttatgtatcctgtaaccCtgcaacgctggctcgggata

>ECK120029520\_relAp2\_reverse\_2914277\_[CV(SM/TIM)|C|cross validation(SM/TIM)],[TIM|S|Transcription initiation mapping],[SM|S|Site mutation],[HTTIM|S|High-throughput transcription initiation mapping]\_Confirmed

ttttcgcattctgaaggcctggatctgtatctcgcccccgatagtgagatactcgaaaccGtctctggtgagatgccctgg

>ECK120030217\_relBp\_reverse\_1645903\_[TIM|S|Transcription initiation mapping]\_Strong

cgactactttctgacttccttcgtgacttgccctaagcatgttgtagtgcgatacttgtaAtgacatttgtaattacaaga

>ECK125137000\_remp2\_reverse\_1644975\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttttgtttttattttcaacgcgtttgaagttctggacggtgccggaatagaatcaaaaAtacttaagtagcgcgcaggg

>ECK120010422\_repp\_forward\_3960647\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagccaaccggttagcggcttacacgcggtcacattcaaatgcgattctgctacaatcctCcccccgttcgaagattgagc

>ECK120009994\_rfaDp1\_forward\_3793939\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atccttgcacctctatgtaaagggctgaagggattcggatgtgatggtatgattacagacAttcgtgtctgagattgtctc

>ECK125137938\_rfaHp4\_reverse\_4024873\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atttgttaaattagcgtgaactctgacggtataacgcaaaccggggaatataattaacttAgcgtaaagcttttgctatcc

>ECK125137939\_rfaHp5\_reverse\_4024965\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagaagtcgcgtaaatcgttatatttcatggcgtccattgtagcctcttaatctgcgcccAttatacggcgttcatctttg

>ECK125095189\_rfaYp\_reverse\_3801136\_[TIM|S|Transcription initiation mapping]\_Strong

aactaaaccgtggcacaaatgggcaatttatccatcggtaaaatactataaaatagctttAgaaaattccccctggaaaga

>ECK125137219\_rfbXp6\_reverse\_2109586\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctttcgccaaaagatgaaaggctctttacgttagatgagcttatcagattaaaattaattGcatgaatacgaataaattat

>ECK125137220\_rfbXp7\_reverse\_2109718\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137216\_rfcp10\_reverse\_2107283\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagcagagaagacaaggttatatttggcgggcgtttggccgagtataaatattatgatatGcatcaagtgatatctgccgc

>ECK125137217\_rfcp11\_reverse\_2107444\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tataccagaataattgagcataaacattttgactatgttgagacaaagcatacggttgttAcaaaagaatatccattagag

>ECK125137215\_rfcp8\_reverse\_2107234\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattatgatatgcatcaagtgatatctgccgctctttatcaagtgaaaaatataatgagtAcggattaatgatctatcttg

>ECK125095203\_rfep\_forward\_3967800\_[AIPP|W|Automated inference of promoter position]\_Weak

aatgccgcgctggcgatgttaggaaaattcctggaatttgctggcatgttatgcaatttgCatatcaaatggttaattttt

>ECK120010264\_rhaBp\_reverse\_4097472\_[TIM|S|Transcription initiation mapping]\_Strong

gcccattttcctgtcagtaacgagaaggtcgcgaattcaggcgctttttagactggtcgtAatgaaattcagcaggatcac

>ECK120010141\_rhaSp\_forward\_4097711\_[TIM|S|Transcription initiation mapping]\_Strong

tacgtggttttccgtcgaaaatttaaggtaagaacctgacctcgtgattactatttcgccGtgttgacgacatcaggaggc

>ECK120010258\_rhaTp\_reverse\_4100566\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atcgacaacggcggcaacaggcgaaaggttaatcgacagcacgatttttacactcatctcGtcggagatgtgacgcgacga

>ECK125137305\_rhmAp3\_reverse\_2358946\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcgcgtgaaagcagaaacgttatttgccagcgatgcggcgggattactgacgctggcaGcggtggcggtcatcggttcg

>ECK125137811\_rhsBp10\_forward\_3619113\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaataccctatccgaaccttctcttttgtaacgttctaaatatattcctaaaaatcttcAattcattgtgaccacaagtt

>ECK125137812\_rhsBp11\_forward\_3619003\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggcgtgcggcacgggcatttgcagtgcttgccgaaggaagattgagtctattattgggTcctttggtgaacgatcaaca

>ECK125137809\_rhsBp8\_forward\_3619178\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136518\_rhsDp8\_forward\_523066\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actaataaaatcataaatcatatgcgttgaatggatattatccatatagtgaatttgttgAtgatgaattcatctgtgcta

>ECK125136645\_rhtAp8\_reverse\_850304\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacgggccatttcatgtaacagaacgtttccatacaccgctatccatctaaatttaaatcActttttcagagaactgcgta

>ECK120010654\_ribAp2\_reverse\_1339234\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgaaaacgccagttccaggaaaaattgacagatttgtgccattccgtgaacgatcgacgcGtcgtgattaggtgaacccct

>ECK125137038\_ribCp5\_reverse\_1743458\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgagaatcaccgggattgctaatgctaataacagacgcgcttcactgatatacttctgcAcgtgaacaccttttatttgt

>ECK120016956\_ribFp\_forward\_21383\_[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

ttctgatttcggtactcaatcgccggttaaccttgaccgctgtacaaggtatactcggacGattttcactgttttgagcca

>ECK120010622\_rihBp\_reverse\_2255252\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtttatccgctatgagatttctcatatttagcatacgtacgctgttgttaagattcaatcAtcggcccggtcgaattttct

>ECK120009923\_rimKp\_forward\_891876\_[HIPP|W|Human inference of promoter position],[IMP|W|Inferred from mutant phenotype]\_Weak

ctggagcgatcatatccgccgaacaatcattaaagaaagccgcccatttattctggattaTttgcacaaacagggttgggc

>ECK120016963\_rimPp\_reverse\_3318175\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ttcaaatccggcccccgcaaccactttcccttagagtcctttttcaaatatactgtgaagActtcggccttcgtagtggga

>ECK125137115\_rlmAp9\_reverse\_1907086\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttatcttcgctcctggcgttcggatatttgcccgccgcgtgattcgcgttacacttgcgGcctttagtatcctgccggag

>ECK120010506\_rlmEp1\_reverse\_3327760\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ggtgctgtttttgtttagtactcagattcatcgtattttttgcttacgttgggattgaaaAcgggtcattctaccgccatc

>ECK125136642\_rlmFp7\_forward\_842224\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136705\_rlmIp4\_reverse\_1030001\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgctctccttatccttaatggacgcgttgcaaatccatggaaaactccggacaatgacgCccatttctttgcatcgacag

>ECK125136577\_rlpAp7\_reverse\_665213\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtgctgatggctgggttcgggattgtaatgtcaatccacacccacaggaaaatgttgtcGaaaagcgtgtaagaggtgcg

>ECK125136699\_rmfp4\_forward\_1015532\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtaaatataaccgtctccggtatgttgcctgaggcggtttttttgtctctaacgtgcggaAaaatttgttcctcttcacat

>ECK125136700\_rmfp5\_forward\_1015503\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaagcgtctaccttaattataaagatttgtaaatataaccgtctccggtatgttgcctgAggcggtttttttgtctctaa

>ECK120010748\_rnbp1\_reverse\_1349129\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaccaatgggctgaccgtcattctgttgagcgcgctaccgttcaggcgatacaatggctgAcccgagcacccgatcgcttt

>ECK120010749\_rnbp2\_reverse\_1348944\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aatcgcgttgggtgagacatattaaccttgccgcgtcagacagattcgcgtaaaactgtcAgccgctctaatggccaccaa

>ECK120010724\_rncp\_reverse\_2704223\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atgagataaatctcccgtggctaacgacatcccccgtcgttgtgtatagaatattcccccGaagtttaaggttggcacctc

>ECK120051391\_rndp\_reverse\_1888061\_[TIM|S|Transcription initiation mapping]\_Strong

aaaaattttgcgacgagaattacgtgacgaagcgcgcggcaaagtggacaataaagcctgAgcgttaagtcagtcgtcaga

>ECK120029521\_rnep1\_reverse\_1144728\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gggtgataaatggtaaaagtcatcttgctataacaaggcttgcagtggaataatgaggccGtttccgtgtccatccttgtt

>ECK120029522\_rnep2\_reverse\_1144762\_[TIM|S|Transcription initiation mapping]\_Strong

tcaccagcaagaagtgaaaaaactgtgagtaagcgggtgataaatggtaaaagtcatcttGctataacaaggcttgcagtg

>ECK120029523\_rnep3\_reverse\_1144873\_[TIM|S|Transcription initiation mapping]\_Strong

cgattctaattagccaacaggattcgcgccactcatttttctatgcttatatttacttttGcaccttattacttcactgcg

>ECK125136561\_rnkp6\_reverse\_644055\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aattccctgaatgtgacgcaaatcacttcaaagagtgagcaacagtcagtatcatcatgtGagttaaaccctcgccgcctg

>ECK125109143\_rnlAp2\_forward\_2765894\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

caggtggctaaatttagcaaatcaatacacttcaggggggtattattgtagagtttccccAtatgtttctatgggatccag

>ECK125109144\_rnlBp2\_forward\_2766860\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137403\_rodZp1\_reverse\_2642932\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttagccttagtgaatgtgggctttgtcacgagcacacagacggtcttatactgtatgatAacggttaacttaacggatgt

>ECK120010026\_rpiBp\_forward\_4313257\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tggatggtgagtgtctttaacgctattgcgctgtcagatgtaactctgtaaaacagatcaGgaaggcgtaattcatcgatt

>ECK120011144\_rplMp\_reverse\_3378672\_[AIPP|W|Automated inference of promoter position]\_Weak

cggactttgtcgtgtgaacctcaacaattgaagacgtttgggtgttcaccaacgtgtaacTatttattgggtaagctttta

>ECK125122035\_rplUp\_reverse\_3333516\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttcttcgtgtattgactgtagcacttgtcaaaggcgtgcgttttgcgtaatattcgcgccCtattgtgaatatttatagcg

>ECK125203431\_rplVp\_forward\_2282440\_[AIPP|W|Automated inference of promoter position]\_Weak

attacgcggttaatggtagttttgattgatgtataaggcgattgagtatagaatctcgccCgcttttgcatacgcaaagca

>ECK125137690\_rpmAp4\_reverse\_3333225\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggcgtaatcaaagctgaagttgttgctcacggtcgtggcgagaaagttaaaatcgttaAgtttcgtcgtcgtaaacact

>ECK120029428\_rpmIp\_reverse\_1800427\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tagacttagtcgagatcagccctaacgccgagccgccggtttgtcgtataatggattacgGcaaattcctctatgaaaaga

>ECK120010382\_rpoDp1\_forward\_3212473\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

agagcggcgtttctcgccctgttccgcagctaaaacgcacgaccatgcgtatacttatagGgttgctggtgcaaaatccag

>ECK120010383\_rpoDp2\_forward\_3212637\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

acttgtctctcccagccaggtctgaccaccgggcaacttttagagcactatcgtggtacaAataatgctgccacccttgaa

>ECK120010579\_rpoEp2\_reverse\_2710087\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgacaaacaaaaacagatgcgttacggaactttacaaaaacgagacactctaaccctttgCttgctcaaattgcagctaat

>ECK120010514\_rpoHp1\_reverse\_3601003\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acggtacaacatttacgccactttacgcctgaataataaaagcgtgttatactctttcccTgcaatgggttccgtagcagg

>ECK120010155\_rpoHp4\_reverse\_3600863\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttattcacaagcttgcattgaacttgtggataaaatcacggtctgataaaacagtgaatGataacctcgttgctcttaag

>ECK120010581\_rpoNp\_forward\_3344662\_[HIPP|W|Human inference of promoter position]\_Weak

cgcctacagaaatcttacaagacgaacacgttaagcgtgtataccttggggaagacttcaGactctgatagggtagaagtt

>ECK120010533\_rpoSp\_reverse\_2868118\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcctgcacaaaattccaccgttgctgttgcgtcgcaaccgacaattacgtattctgagtcTtcgggtgaacagagtgctaa

>ECK120048895\_rpoZp\_forward\_3822077\_[TAS|W|Traceable author statement],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atgacgctttaatcagcaaattgttggcagactgaacctgatttcagtatcatgcccagtCatttcttcacctgtggagct

>ECK120010744\_rpsAp1\_forward\_961717\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaacgtgcgcatcgccgcatgctacagttgcaggagaagggctttagtgttaactttgagCgccttttggccgagatcaaa

>ECK120010310\_rpsAp3\_forward\_961859\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tagtgttggattccaccaccttaagcattgagcaagtgattgaaaaagcgctacaatacgCgcgccagaaattggctctcg

>ECK120034397\_rpsBp\_forward\_189712\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgctgtacacagcgccaacaattattggtgtccacgacgtatttgtggtataaagcgcgcCggacttccgatccatttcgt

>ECK120034372\_rpsFp\_forward\_4425025\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aggggagatttatttcggctctgcccttgagtttagcgaggcatacaagtactataacgcGtcatttttcagccgaccttt

>ECK125137707\_rpsIp2\_reverse\_3378290\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120010391\_rpsJp\_reverse\_3453442\_[FP|S|Footprinting]\_Strong

aggctgtttactttactagcaatacgcttgcgttcggtggttaagtatgtataatgcgcgGgcttgtcgtagttgacagca

>ECK120011146\_rpsMp2\_reverse\_3442565\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaggctgattttttcgcatatttttcttgcaaagttgggttgagctggctagattagccaGccaatcttttgtatgtctgt

>ECK120015469\_rpsPp\_reverse\_2746254\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tttacagcagagttagcaactgttgattgcaattcccgcaaaaatgagtaaaattttcggGcttttaatatgacaccggac

>ECK120010380\_rpsUp1\_forward\_3210646\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

atgcgggttgatgtaaaactttgttcgcccctggagaaagcctcgtgtatactcctcaccCttataaaagtccctttcaaa

>ECK120010381\_rpsUp2\_forward\_3210712\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

aaagtccctttcaaaaaaggccgcggtgctttacaaagcagcagcaattgcagtaaaattCcgcaccattttgaaataagc

>ECK120010527\_rpsUp3\_forward\_3210735\_[HIPP|W|Human inference of promoter position],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

cggtgctttacaaagcagcagcaattgcagtaaaattccgcaccattttgaaataagctgGcgttgatgccagcggcaaac

>ECK120033629\_rrsAp2\_forward\_4035356\_[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ccggcagagaaagcaaaaataaatgcttgactctgtagcgggaaggcgtattatgcacacCccgcgccgctgagaaaaagc

>ECK120009873\_rrsDp2\_reverse\_3428940\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agagaaaaaaatcctgaaattcagggttgactctgaaagaggaaagcgtaatatacgccaCctcgcgacagtgagctgaaa

>ECK120010769\_rsdp2\_reverse\_4196859\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcaattatacgatccatagctcttgcactacctttgcatcactggcatgtttaacatggtTtttacatttctcactgagca

>ECK125138035\_rsgAp12\_reverse\_4391566\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggttgttttcattggcactcatgctattttccacccattcacagtgactatattgatccAcaattgcgtgtatcatagat

>ECK125138116\_rsmCp3\_reverse\_4607725\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcaggggcgcaaatatagcaaattcgtcgataccgcgccaacatatggctataatcgccGccagtatcaattgaggagca

>ECK125137555\_rsmEp4\_forward\_3091068\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcataacccgtatgtgcaacgcgcttgccaggcgcgaaagagctaacctacactagcggGattctttttgttaaccccta

>ECK125141558\_rsmGp\_reverse\_3923756\_[AIPP|W|Automated inference of promoter position]\_Weak

cgtcacgcctgcggccatctccattctgctggtgtggctgaaaaaacagggtatgctgcgTcgtagcgcataacgcattaa

>ECK125137282\_rsuAp2\_reverse\_2280545\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taatagtatgccatggatctttttcccttgagggatgttattagaccgctatactgggcaGacaacagttcagattttcgg

>ECK125137279\_rtnp1\_forward\_2270678\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgttttcattcatcagagaaaatgatgtttccgcgtcttgatccaggctatagtccggtcAttgttatcttttaaatgttg

>ECK120033698\_rutRp2\_forward\_1074113\_[HIPP|W|Human inference of promoter position],[FP|S|Footprinting]\_Strong

ccagtttttaaaaagttaatgttattaatctgttaacattacgttatctaaaatatctggTaaaaagtggactaaacggtc

>ECK125137145\_ruvBp3\_reverse\_1945452\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaccgacgatgctgaacaagaagcggttgccgcgctggtggcgctgggctataaaccacaAgaagcaagccgcatggtgag

>ECK120015432\_ruvCp\_reverse\_1947439\_[HIPP|W|Human inference of promoter position]\_Weak

gtctgatcgatatgctggaagattgcgacgacgtgcaggaagtttaccataacggtgaaaTctctgatgaggtcgcagcga

>ECK125140763\_rybAp\_reverse\_853064\_[TIM|S|Transcription initiation mapping]\_Strong

aaccagagttgcgaaggtacaaaaaattaacgttttagcaatagctatataatatagcctGtgctatatctgtatgtaatg

>ECK125137051\_rydBp2\_reverse\_1764924\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctgaattaaaagaagaaatctactttgcctggcgtctgggcgtgcattgatcctgacttAatgccgcaagttcgccaaat

>ECK120030648\_rydCp\_reverse\_1491506\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agatggacgtatgggcaaggattatggttttatttatcatacaaataaatataataggcgCttccgatgtagacccgtatt

>ECK120032973\_ryfDp\_reverse\_2734295\_[TIM|S|Transcription initiation mapping]\_Strong

atcgtcgcgacaagaccaccggtcgtatggcaagtttcatttggctgatataacctaaagAatcaagacgatccggtacgc

>ECK120009960\_ryhBp\_reverse\_3581016\_[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

aatgcatttttttgcaaaaagtgttggacaagtgcgaatgagaatgattattattgtctcGcgatcaggaagaccctcgcg

>ECK120032974\_ryjBp\_forward\_4527977\_[TIM|S|Transcription initiation mapping]\_Strong

ccacggcctgacgccagtcggtggctttacgttgtgcctgtacccatttaatatcgttaaTcatccgtcgttgactccatg

>ECK120033699\_safAp\_reverse\_1584028\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcctacagctgtaagaaactccgctcagtactgaagcaccagtcctatttcctcttttcTccagcctgttatattaagca

>ECK120033029\_sbcDp\_reverse\_416977\_[HIPP|W|Human inference of promoter position]\_Weak

tattgatttccgtggcgcagaaaaaagcaaatggcacatctgtttgggtataatcgcgccCatgctttttcgccagggaac

>ECK120033031\_sdaCp\_forward\_2928035\_[AIPP|W|Automated inference of promoter position]\_Weak

gcccttaaattctcttttacttttgatttacagagtaaagcgttgggataatctatcttcCaagtagattattgtatttga

>ECK120010170\_sdhCp\_forward\_754958\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cgacaaactatatgtaggttaattgtaatgattttgtgaacagcctatactgccgccaggTctccggaacaccctgcaatc

>ECK120010305\_sdhDp2\_forward\_755404\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aggtttcgagcaagcttccgcgattatgggcagcttcttcgtcaaatttatcatgtggggCatccttaccgctctggcgta

>ECK125140840\_sdiAp1\_reverse\_1996917\_[TIM|S|Transcription initiation mapping]\_Strong

actcattaataacataagagaatgcgatggcttgcaaaagtaattcattgcctgaataatAtaaattatatataaatctta

>ECK125137169\_sdiAp2\_reverse\_1996897\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

aatgcgatggcttgcaaaagtaattcattgcctgaataatataaattatatataaatcttAtttatgtgatagtttgaatt

>ECK125140841\_sdiAp3\_reverse\_1996867\_[TIM|S|Transcription initiation mapping]\_Strong

cctgaataatataaattatatataaatcttatttatgtgatagtttgaattatcattataAatgatactcactctcagggg

>ECK125203416\_secBp\_reverse\_3784203\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acagcacattggcggctgtgatgacttgtatgcattggatgcacgtggtggactggatccCctgctgaaataacgtgtgaa

>ECK120034382\_secGp1\_reverse\_3322587\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gatacaatgcgataaaattgcccttgcgaaggtcattcgctttggttagtattcacacccGcttcagtgggaaagattaaa

>ECK125137867\_selBp5\_reverse\_3759925\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtcattagccgcccgctggcgtgaattgccagtgccggtgattggtcgtatttatgacgGacgattgtggctggatttac

>ECK125136519\_selUp4\_reverse\_531358\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgagtctggcatggcgcaaatttggcagcggcaaagcggtagaagatattgtgaccttGtttacccagcgcaggccgga

>ECK120010267\_serAp1\_reverse\_3058456\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

tcaacatcgcgacgcaaacgttcatattgccgcaatattattttttgatatgttgaaaggCggatgcaaatccgcacacaa

>ECK120009926\_serAp2\_reverse\_3058549\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

gtgtcacgcttttaccaggcaattgtcgattgctctaaataaatcctctaaaccagcataTtcatccaagaattacctttg

>ECK120010763\_serCp\_forward\_957595\_[TIM|S|Transcription initiation mapping]\_Strong

ttactcattgcgatgtgtgtcactgaatgataaaaccgatagccacaggaataatgtattAcctgtggtcgcaatcgattg

>ECK120010606\_serTp\_reverse\_1031719\_[HIPP|W|Human inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tttcaggcaaacaaacaaattaggggtttacacgccgcatcgggatgtttatagtgcgcgTcattccggaagtgtggccga

>ECK120010610\_serUp\_reverse\_2043562\_[HIPP|W|Human inference of promoter position]\_Weak

caaaattgcacggacagggactgttaaaatgccaaatttcctggcatcatggcaaccatcTgaacggagagatgccggagc

>ECK120010612\_serVp\_reverse\_2818697\_[HIPP|W|Human inference of promoter position]\_Weak

ataaaagtgtaggaaaaattgtttgacttataagtctcagaaagtaatatgtgcgccacgCagcgacgatgagcgataaac

>ECK120010605\_serWp\_reverse\_926007\_[HIPP|W|Human inference of promoter position]\_Weak

caataattatcattaaaattcttcttgaccgttttactccaactccctatagtagcgcccCgttgccacccatgaggtttg

>ECK120010607\_serXp\_reverse\_1097676\_[HIPP|W|Human inference of promoter position]\_Weak

gcgattttttcaaaaagtttgttgacctcaggtcatgatttccctaaattagcgcccgttCcagcaagacaggaacgacaa

>ECK125137272\_setBp2\_forward\_2263713\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtttgatgtgctgcacaattttttgccatttttcctaattgctgatgggaaaatccgttAtcagcaatttcatttcagca

>ECK125137273\_setBp3\_forward\_2263836\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attcgtggcgcttttgatttcgctgtctgtttattttctgacaagcagcgtaaactccgcGtcttcctcttccagtgatcg

>ECK125137889\_setCp10\_forward\_3836768\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaaatcaacttgttttatttttactatcaaaaatagctcattgccttactataattaatAtataaattcggtaattaatt

>ECK125137890\_setCp12\_forward\_3836877\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137891\_setCp13\_forward\_3836838\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136528\_sfmAp4\_forward\_558062\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatttaccgcttcaggtctatatttgtgttgaatatattttgcgcggaagtattcatctaAcggggctctctattttttag

>ECK125136529\_sfmAp6\_forward\_558166\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agacattcttagaggataaaaaggaatttactactatcagtgtcttaaataaagtaatcgGttatatacggatgtggagtc

>ECK125136530\_sfmCp4\_forward\_558807\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgaataatcaaaaccacgttgttttgaattatatatcacgtcttataacaaagtaatgtAccggttgtctgaagcggtat

>ECK120010937\_sfsAp\_reverse\_161515\_[HIPP|W|Human inference of promoter position]\_Weak

accctttacgcctcctcgtttgcccgtggacgcacacgctacacgccgctaaaacgctggGcgctaacgcaataacaagga

>ECK125137691\_sfsBp2\_forward\_3334796\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacacttattcagctctataacacctgaaaaatagggatgtgcatctttatatattctgaAtattcacactctttacagga

>ECK125137692\_sfsBp3\_forward\_3334855\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatattcacactctttacaggaactttttagagcaataggccatcaggagtatagtgatgCtcgacagaagaagtgttctg

>ECK120030789\_sgrRp\_reverse\_77338\_[AIPP|W|Automated inference of promoter position]\_Weak

aactgacgcatggggcacccccttgcttcatcgttaggaattattgacttaatatagggaAaataaaattgctgtcttttg

>ECK125140845\_shiAp\_forward\_2053566\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttgccgctaatcagccataaaatcatttgcagatgcgctctgtcgaggtagtctcataagGttcgtttatagatcgacggc

>ECK125137190\_shiAp11\_forward\_2053534\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcgctttcatcttccatcgaatttttcatgttgccgctaatcagccataaaatcatttGcagatgcgctctgtcgaggt

>ECK120032972\_shoBp\_reverse\_2700291\_[TIM|S|Transcription initiation mapping]\_Strong

acaccatgccacagaattcccccattgaaacgagtggtgtcgtcaaagctctggtgtggaGtgcagcatgcaccctcaata

>ECK120035119\_sibAp\_forward\_2153311\_[TIM|S|Transcription initiation mapping]\_Strong

ctcgcaagaacggagagccgtcgattgacactaagggcggagtgacataatttcaggagtGagggttagggagaggtttcc

>ECK120035123\_sibBp\_forward\_2153646\_[TIM|S|Transcription initiation mapping]\_Strong

atcgcagactacaaagcctgcggattgacaatcttatcgtgaaggcatactttcaggagtGagggtagagcggggtttccc

>ECK120035120\_sibDp\_reverse\_3194865\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agggatatgtgttaatgaaaccttcttgacgctgattttttttcaacctaaagtaaaggaAcaagggtgagggaggatttc

>ECK120035121\_sibEp\_reverse\_3195240\_[TIM|S|Transcription initiation mapping]\_Strong

tctcgcttcgtacatggcaggcctattgacgctgttgttttttcaacctagagtaaaggaAcaagggtaagggaggatttc

>ECK120009971\_sixAp\_reverse\_2456999\_[IDA|S|Inferred from direct assay],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgtggggaaagtttttggaaaacaactgcaactgacctgcaataagaaggtcaaagctatAtgaatccgcgctgaatggcg

>ECK120010164\_slpp\_forward\_3653936\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tatcaggcatatcacctcagaatcagatgaaaactataaagaaatatctattatggttttAatatttgttgataaggatag

>ECK125137028\_slyAp10\_reverse\_1721014\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacaccagatcttgtaagggcaatcctgttgcattgagcataaacttcacaaagtagattCctttacgaccgaatatattg

>ECK125137029\_slyAp13\_reverse\_1720849\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atacatttgttttagcaatacaattgctgcacactattctaaaagccgcataatatcttaGcaagctaattataaggagat

>ECK125137746\_slyDp6\_reverse\_3478699\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatgcccggcctgtcaggcgcaggattcaatggcgatgtggcgcgaaaataatattgatAttgttgaatgtgttaagtgc

>ECK125137444\_smpBp5\_forward\_2754767\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tccggctaatctgaggcataacaatttccatcaacaaaaatccaacaaataatatcatttAtcctgctgtaaaaaaaacgc

>ECK125137344\_smrBp6\_forward\_2448436\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagcgcaacatgtcctgaatggtttgcagctcatttactgcttcatcaacgaaaattttaTccacgtattcctccagggca

>ECK120011020\_sodAp\_forward\_4100759\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tacgaaaagtacggcattgataatcattttcaatatcatttaattaactataatgaaccaActgcttacgcggcattaaca

>ECK120010327\_sodBp\_forward\_1735323\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ttgttacggcaacagggtaagttcatcttttgtctcaccttttaatttgctaccctatccAtacgcacaataaggctattg

>ECK120033253\_sohAp\_forward\_3276972\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agcccccacgtccattaataatgcatttgcattaccttagttcaagcttataatttgagcAgaaaacaggctgtaaaagga

>ECK120009846\_sohBp1\_forward\_1329284\_[HIPP|W|Human inference of promoter position]\_Weak

aaatggatactttgtcatactttcgctgcaataacatctctgcgagacggcttaacatgcCtgttgtaaactgtgagccaa

>ECK120009847\_sohBp2\_forward\_1329301\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tactttcgctgcaataacatctctgcgagacggcttaacatgcctgttgtaaactgtgagCcaaagcgttgtttaaccaag

>ECK125229302\_sokBp\_forward\_1492119\_[TIM|S|Transcription initiation mapping]\_Strong

ggttgtgcttcatagcctttctccttgccggatggcgggtaagaggctaagatctgaattGctaggttcattcgttggcct

>ECK120010549\_soxRp\_forward\_4277447\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tctgcctcttttcagtgttcagttcgttaattcatctgttggggagtataattcctcaagTtaacttgaggtaaagcgatt

>ECK120010254\_speAp\_reverse\_3086048\_[HIPP|W|Human inference of promoter position]\_Weak

ttctcgtggtttcgccgaactttcacacttacgttcggttatgtgcttaataatgttatgAaaaagaaaccggttgcgcag

>ECK120010427\_spfp\_forward\_4049899\_[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctgaaaaaaaattacaaaaagtgctttctgaactgaacaaaaaagagtaaagttagtcgcGtagggtacagaggtaagatg

>ECK125137084\_sppAp6\_forward\_1848711\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgatcaatagttcgagtgcatccatttgattaactcctgtcgtgatatttattcacaaaAttaacacgagagtggatttt

>ECK120016587\_spyp\_reverse\_1825688\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acactttcattgttttaccgttgctctgattaattgacgctaaagtcagtaaagttaatcTcgtcaacacggcacgctact

>ECK120010196\_srlAp\_forward\_2825791\_[TIM|S|Transcription initiation mapping]\_Strong

atctttcattttgcgatcaaaataacacttttaaatctttcaatctgattagattaggttGccgtttggtaataaaacaat

>ECK125137424\_srmBp4\_forward\_2712876\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccgagaagcgatatccatacaaacagatgaagattgcagccgtaacgtctataatcagcGccccacacagaggtagaaca

>ECK120010444\_ssbp1\_forward\_4274092\_[TIM|S|Transcription initiation mapping]\_Strong

aaccgaggtcacaacatagtaaaagcgctattggtaatggtacaatcgcgcgtttacactTattcagaacgatttttttca

>ECK120011021\_ssbp3\_forward\_4274011\_[TIM|S|Transcription initiation mapping]\_Strong

attgacctgaatgaatatacagtattggaatgcattacccggagtgttgtgtaacaatgtCtggccaggtttgtttcccgg

>ECK125162185\_ssnAp\_forward\_3018950\_[TIM|S|Transcription initiation mapping]\_Strong

gcgctcagttctgtccgtggaacggtaaaccgtacaaagacaaaatcaccgtcttcagccTggcgcaagactttgataaca

>ECK125158028\_ssrAp\_forward\_2755586\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137445\_ssrAp2\_forward\_2755507\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attggctatcacatccgacacaaatgttgccatcccattgcttaatcgaataaaaatcagGctacatgggtgctaaatctt

>ECK120034944\_ssrSp1\_forward\_3055974\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgaaaaaactaaccaaaactttgaatgacacttttcggtttactgtggtagagtaaccgtGaagacaaaatttctctgaga

>ECK125136692\_ssuBp3\_reverse\_994141\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggcgatgaatgcgcgggagtttttgcaaacggacgtggtggtagtcgctattattctttAcgccctgctcggcaaactgg

>ECK120010638\_ssuEp\_reverse\_997563\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cagaaaaagatacacaaaatttatatttggaattttcttgtctctccgacagactgaccgAattgttatcaatgttaacaa

>ECK120010481\_stpAp1\_reverse\_2798536\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gactgtaaatagattaaattttgtggaaatataataagtgatcgcttacactacgcgacgAaatactttttttgttttggc

>ECK120010482\_stpAp2\_reverse\_2798556\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gctgaaataatctcgcgcaggactgtaaatagattaaattttgtggaaatataataagtgAtcgcttacactacgcgacga

>ECK120009938\_sufAp\_reverse\_1764418\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

acggtaaagcccctgcgtttgctgggttgaactgataatcattatcactaacatgctgttAtacgctgaaagcgatgaagt

>ECK125137049\_sufEp3\_reverse\_1759481\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacaaaacaggcttggcgttattgcttttaatctcggtaaacaccacgcctatgatgttgGcagttttctcgataattacg

>ECK120010143\_sulAp\_reverse\_1020947\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[HTTIM|S|High-throughput transcription initiation mapping]\_Confirmed

cgaggctctttccgaaaatagggttgatctttgttgtcactggatgtactgtacatccatAcagtaactcacaggggctgg

>ECK120033212\_surEp2\_reverse\_2870686\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gatcgcaataaacggagtttttggttgtcggcagcccgcagtgcgttgtttaatcagattGttgctgagcgcctcaaaaaa

>ECK125199580\_sutRp\_forward\_1506150\_[TIM|S|Transcription initiation mapping]\_Strong

gtgcgttatagcgtacaggcaccgtagcatttgtccgttataacgcacaagtgataaactTccgttttgccggaggagtcg

>ECK125203410\_sxyp\_forward\_1021083\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtgacgggaaaacataaattaatcttgccccttaagaataagttgcctattttcgtagttAacggatccgttaatgtgaat

>ECK120032969\_symEp\_reverse\_4579917\_[TAS|W|Traceable author statement],[HIPP|W|Human inference of promoter position]\_Weak

ttgcccattttattctatttttagctggactttccccatatttactgatgatatatacagGtatttagcgcggtgcggatg

>ECK120032970\_symRp\_forward\_4579835\_[TAS|W|Traceable author statement],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atgacggttatttgccggggagacttctgcttcgaacggttgtgcaatagaatgcgtgtcAgtcataactgctattctcca

>ECK125138059\_tabAp4\_forward\_4474834\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137504\_tasp4\_forward\_2971569\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctggccttaagatttttctctttcccttttcccttccctctgccatttttatattccttAtgtcgtgattataaaaagga

>ECK125137937\_tatAp1\_forward\_4021909\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tggcgcaaaacacgctgattttttcatcgctcaaggcgggccgtgtaacgtataatgcggCtttgtttaatcatcatctac

>ECK125136567\_tatEp3\_forward\_658871\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattatgatgtttttttactcggcgcttgattcaccttgttacagattgctattgtgtgcGcgcgtcgaatgaccgttaat

>ECK125137658\_tdcGp2\_reverse\_3259826\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtgtttatcaccgatctgaatgattttgccaccatcaacgaagtctataagcagttcttCgatgagcatcaggcgaccta

>ECK125137659\_tdcRp4\_forward\_3267221\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttccagagtatcgttattacaattaaatacctttaaatatcaacaagttaaagtataaaAatcagcataaaccctgattt

>ECK125137661\_tdcRp6\_forward\_3267190\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgcgaccactcacaaattaactttcaatactttccagagtatcgttattacaattaaatAcctttaaatatcaacaagtt

>ECK125136838\_tdkp8\_forward\_1293493\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacccacttctgtgcatactgttgagctgaaaaactgacgaattatgataaactccagccAactttatttcatatcattga

>ECK125136362\_thiQp2\_reverse\_73085\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgtccactggcgcaggcgctggcctttgcatgcgtgctgtcgattggtgattttggcgtGgtggcgttgttcggtaacga

>ECK120010236\_thrLp\_forward\_148\_[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gccgtgagtaaattaaaattttattgacttaggtcactaaatactttaaccaatataggcAtagcgcacagacagataaaa

>ECK120010601\_thrUp\_forward\_4175381\_[HIPP|W|Human inference of promoter position]\_Weak

aaaacaaattatgcaattttttagttgcatgaactcgcatgtctccatagaatgcgcgctActtgatgccgacttagctca

>ECK120010587\_thrWp\_forward\_262841\_[HIPP|W|Human inference of promoter position]\_Weak

gccatttgattcacaaggccattgacgcatcgcccggttagttttaaccttgtccaccgtGattcacgttcgtgaacatgt

>ECK125230252\_thyAp\_reverse\_2965254\_[TIM|S|Transcription initiation mapping]\_Strong

gttgagtttttccgccagcccgacgcgcagtttaccggtgcctgggtgcagtacatcagcAtggggcaaattctttccatc

>ECK120027940\_tigp\_forward\_454994\_[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acgcgacagcgcgcaataaccgttctcgactcataaaagtgatgccgctataatgccgcgTcctatttgaatgctttcggg

>ECK120010157\_tnaCp\_forward\_3888411\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgattcacatttaaacaatttcagaatagacaaaaactctgagtgtaataatgtagcctcGtgtcttgcgaggataagtgc

>ECK125136616\_tolBp6\_forward\_777537\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacctgaaggtggcgatcccgcactttgtcaggctgcgttggcagcagctaaacttgcgaAgatcccgaaaccaccaagcc

>ECK120029860\_tomBp1\_reverse\_480794\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

attgtaatttttcgtaataatgcgatgaaaacctgcaaagagtggcttatagttaagctaAcaaacgagagggcaagtcca

>ECK120010225\_tonBp\_forward\_1311054\_[TIM|S|Transcription initiation mapping]\_Strong

ttcactgatcctgatcgtcttgccttattgaatatgattgctatttgcatttaaaatcgaGacctggtttttctactgaaa

>ECK120010492\_topAp2\_forward\_1330883\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgtcaatctggcaatagatttgcttgacattcgaccaaaattccgtcgtgctatagcgccTgtaggccaagacctgttaac

>ECK120010493\_topAp3\_forward\_1330848\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[AIPP|W|Automated inference of promoter position]\_Strong

cgtatcggattttatcaggtacagtgtgacgctttcgtcaatctggcaatagatttgcttGacattcgaccaaaattccgt

>ECK120010494\_topAp4\_forward\_1330818\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype],[AIPP|W|Automated inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aactttggattttgcatgctaataaagttgcgtatcggattttatcaggtacagtgtgacGctttcgtcaatctggcaata

>ECK120010495\_topAp5\_forward\_1330789\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

cacgctggtggcaagagcgccttactggcaactttggattttgcatgctaataaagttgcGtatcggattttatcaggtac

>ECK120010262\_torCp\_forward\_1058056\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gccgtaagccgttcatcctgaccagtgccgctgttcatatttgctcattaagatcgcttcActaaaccataattctacagg

>ECK120010637\_torRp\_reverse\_1057984\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aatgagcaaatatgaacagcggcactggtcaggatgaacggcttacggcagaatatgaacAgatatgaacagaatgagtaa

>ECK125136720\_torSp5\_reverse\_1056182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggctttatgctagatgcattccgctttgcgactcaacctttttcacctaaagtgcaccGaccgtgaatttaaccctgac

>ECK120034354\_tpiAp2\_reverse\_4111569\_[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggtttgaataaatgacaaaaagcaaagcctttgtgccgatgaatctctatactgtttcacAgacctgctgccctgcggggc

>ECK120020514\_tppBp\_forward\_1712671\_[TIM|S|Transcription initiation mapping]\_Strong

tatatgtaacagattattacaaaggacttgtctgaaagtgcaagatagtgaacattacctGccgtttcccctcccactata

>ECK125136833\_tprp1\_reverse\_1287188\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caccatcactttcaaaagtccctgaacttcccaacgaatccgcaattaaatattctgcccAtgcggggaaggatgagaagc

>ECK120010683\_tpxp\_reverse\_1388844\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

ctgcggattaagcgcaaatagcgtttgctgtgttattgacagttagcataaactaggtgtGacgttaactatatgtaaaca

>ECK120010263\_treBp\_reverse\_4466210\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcgctgcgtttcgggaacgttcccgtttttaaatttttccgcgcaatatattctgcagccAaccaaaaatgtcatctgcca

>ECK120010485\_treRp1\_reverse\_4467271\_[TIM|S|Transcription initiation mapping]\_Strong

aacgataaaccagactttacccattgctgaatgcacgggtaacgttaggctcaaataattAaacaacacgttacaggacaa

>ECK120009933\_treRp4\_reverse\_4467347\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IMP|W|Inferred from mutant phenotype]\_Strong

gcgccgcaaataataaggagaatccaataatattcgtagcatctatggcgatataataccTgctgacaactaaaccaacga

>ECK125136897\_trkGp1\_forward\_1423741\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcataaggaacagtgaagtaagatctaagaggagttaaattttatacagtataatcataAtattgcagcaaggtggttat

>ECK125136898\_trkGp7\_forward\_1423671\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcagcaatacataaccgagcagtgtttaaagtaaaatcttaactacaatatgattcatttTgatgattgtttcataaggaa

>ECK125136848\_trpAp4\_reverse\_1317303\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctcccacgccctggcccatgcgttgaaaatgatgcgcgaaaacccggataaagagcagctActggtggttaacctttccgg

>ECK120010323\_trpCp\_reverse\_1319944\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcaggcggaacaccggaagaaaaccgtgacattttaacacgtttgttacaaggtaaaggcGacgccgcccatgaagcagcc

>ECK120010144\_trpLp\_reverse\_1323108\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tggcaaatattctgaaatgagctgttgacaattaatcatcgaactagttaactagtacgcAagttcacgtaaaaagggtat

>ECK120011022\_trpRp\_forward\_4632704\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting]\_Confirmed

gccacggaatggggacgtcgttactgatccgcacgtttatgatatgctatcgtactctttAgcgagtacaaccgggggagg

>ECK120026305\_trpSp\_reverse\_3513697\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctacggatataactacggcgaggctatcgatctcagccagcctgatgtaatttatcagtcTataaatgaccttctgcccgc

>ECK120010423\_trxAp1\_forward\_3965647\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gcgaagtcggaaaacttctgttctgttaaatgtgttttgctcatagtgtggtagaatatcAgcttactattgctttacgaa

>ECK120010424\_trxAp2\_forward\_3965687\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tcatagtgtggtagaatatcagcttactattgctttacgaaagcgtatccggtgaaataaAgtcaacctttagttggttaa

>ECK120009945\_trxCp\_forward\_2718675\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atcatacctattgaataaaacagattgttgtctggaacaatgtccccgataatatgtaacAtattagaaacataccggcgt

>ECK125137624\_tsaDp2\_reverse\_3210628\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgtaaagcaccgcggccttttttgaaagggacttttataagggtgaggagtatacacgAggctttctccaggggcgaac

>ECK125137625\_tsaDp3\_reverse\_3210568\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggctttctccaggggcgaacaaagttttacatcaacccgcattggtcctacactgcgcgGtaataaagcgaggtaaaaca

>ECK120015954\_tsrp1\_forward\_4591412\_[HIPP|W|Human inference of promoter position]\_Weak

aattgaccgctatcctgtagtgatgttgccagagttacgcgcgcgtaaagtaaggtaaatAactgagtggttattttaggg

>ECK120010294\_tsxp1\_reverse\_432245\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcgggacgattttgtgcgtcccgcaacatctttccccgtcattttgttactctgcttacAtcacctggattgatagtaaa

>ECK120010293\_tsxp2\_reverse\_432091\_[IHBCE|W|Inferred by a human based on computational evidence],[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaatgatagaactgtgaaacgaaacatatttttgtgagcaatgatttttataataggctcCtctgtatacgaaatatttag

>ECK125136885\_ttcAp5\_reverse\_1411985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catgaacgacgaacagatagccatgttgaatgcgcggttatcgtagttgcaaagtttgccCccaatttgccccatttagta

>ECK125109141\_ttdAp\_forward\_3206424\_[HIPP|W|Human inference of promoter position]\_Weak

taattacatattcacggtggcaaaaaatataaaaccacatttttagtggtagtttgtggcGgtgaatttttccagacaaat

>ECK120033678\_tufAp1\_reverse\_3471724\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

tctgcacttcggttcttaccatgacgttgactcctctgaactggcgtttaaactggctgcTtctatcgcctttaaagaagg

>ECK125135013\_tufAp2\_reverse\_3471583\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggaagagaacaccggtgacgttatcggtgacttgagccgtcgtcgtggtatgctcaaaggTcaggaatctgaagttactgg

>ECK125137801\_tusAp7\_reverse\_3609020\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aattttcacgcaatcgttaacctagtttgcttacggactcacagggcgtaaactagcgccGtttttttaagtgatgagaag

>ECK125095202\_tynAp\_reverse\_1451498\_[AIPP|W|Automated inference of promoter position]\_Weak

atttcactaagttttgtgacgttgtcacattatgcatgatgtgtacatctattttcagggCatccactgtatgaaaagctg

>ECK125162184\_tynAp1\_reverse\_1451409\_[TIM|S|Transcription initiation mapping]\_Strong

gccaaacaacctggcaggtgcaggcaatcccctttgcatcagtactgataatgtgaacctGactaaaccgcccacagagcg

>ECK125137947\_typAp6\_forward\_4058380\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gtttgcggaggatgtttgtgatcctgttttgtagtgcgattaatccgtgtacaataacgcGctatttctaatgcctgaggc

>ECK120011029\_tyrBp\_forward\_4267082\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[CV(FP/RS-EPT-CBR)|C|cross validation(FP/RS-EPT-CBR)],[FP|S|Footprinting],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Confirmed

ttgccgttcgctcctgaacatccactcgatcttcgccttcttccggtttattgtgttttaAccacctgcccgtaaacctgg

>ECK120010158\_tyrPp1\_forward\_1989645\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttacaccatatgtaacgtcggtttgacgaagcagccgttatgccttaacctgcgccgcagAtatcactcataaagatcgtc

>ECK120010145\_tyrRp\_forward\_1386692\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgtcaatgattgttgacagaaaccttcctgctatccaaatagtgtcatatcatcatattaAttgttcttttttcaggtgaa

>ECK120010608\_tyrTp\_reverse\_1287665\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[CV(FP/TIM)|C|cross validation(FP/TIM)],[FP|S|Footprinting],[IMP|W|Inferred from mutant phenotype],[HTTIM|S|High-throughput transcription initiation mapping]\_Confirmed

cagttcatttttctcaacgtaacactttacagcggcgcgtcatttgatatgatgcgccccGcttcccgataagggagcagg

>ECK120010086\_ubiCp\_forward\_4252443\_[HIPP|W|Human inference of promoter position]\_Weak

ttttaccacttcatgcgattgttgcgtttttgttgcgtattagatcacttaatttgctttAcatctcccgtaaacactttt

>ECK125137940\_ubiDp8\_forward\_4024809\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctgtctttcgaggtgttcctgggcacgttgaagttgcccgcgcttgcagtacagtaaatAccaggattgcataatgactc

>ECK125137941\_ubiDp9\_forward\_4024970\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agagttcacgctaatttaacaaatttacagcatcgcaaagatgaacgccgtataatgggcGcagattaagaggctacaatg

>ECK125137935\_ubiEp2\_forward\_4018751\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcggttccggagcagccgaatgatgaagcttatcaacgcgatgatgaatataatcagcaGtcgcgctagcccattgggag

>ECK120010190\_ubiGp\_forward\_2339539\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcgcagtttgaggtaaacctatacgctttattcacatccaatgcctgatatactcgtttgTcttgccaattacggagtaga

>ECK120010197\_udpP\_forward\_4016391\_[TIM|S|Transcription initiation mapping]\_Strong

atttgcgtcatggtgatgagtatcacgaaaaaatgttaaacccttcggtaaagtgtctttTtgcttcttctgactaaaccg

>ECK125137209\_ugdp9\_reverse\_2099735\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcttatagactaaatttcactgcttaatattaacttaataaatatcagctattcttataaAgaaaatctgaattgtttttc

>ECK120010395\_ugpBp1\_reverse\_3592378\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tatcttacaaatgtaacaaaaaagttatttttctgtaattcgagcatgtcatgttaccccGcgagcataaaacgcgtgaat

>ECK120010396\_ugpBp2\_reverse\_3592426\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttccctcacccacgccgtcaccgccttgtcatctttctgacaccttactatcttacaaatGtaacaaaaaagttatttttc

>ECK120010193\_uhpTp\_reverse\_3847198\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ccaggttttgcctggacgctatctcaggcctgatttgctgctgatttttacaatgcatgcCtcacgcaggtattcatttca

>ECK125137019\_uidCp5\_reverse\_1692988\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcacatcaattgccttagtaccttgcggatttatgctactggcattcgttattatctggTtttatccgctcacggataaa

>ECK125137020\_uidCp6\_reverse\_1693006\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaagttattatgggcatccgcacatcaattgccttagtaccttgcggatttatgctactgGcattcgttattatctggttt

>ECK120010065\_uidRp\_reverse\_1697075\_[AIPP|W|Automated inference of promoter position]\_Weak

gccttcgcactattcaacagcaatgataggcgctcacctgacaacgcggtaaactagttaTtcacgctaactataatggtt

>ECK120010067\_ulaAp\_forward\_4419927\_[TIM|S|Transcription initiation mapping]\_Strong

gcgtcacatttaatcataaataatcttgttgtgattacttttgaaaattagagtgagtgcAcaacattccgggtgtgtgga

>ECK120010238\_umuDp\_forward\_1230738\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gacaaatattgatagcctgaatcagtattgatctgctggcaagaacagactactgtatatAaaaacagtataacttcaggc

>ECK120010532\_uppp\_reverse\_2620909\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttttgactaaagtcaacgaaaagaatattgccgccttgaagaaaggaggtataatccgtcGattttttttgtggctgcccc

>ECK120010398\_uspAp1\_forward\_3639983\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tttatctaacgagtaagcaaggcggattgacggatcatccgggtcgctataaggtaaggaTggtcttaacactgaatcttt

>ECK125137157\_uspCp2\_forward\_1979598\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacatatattaaccacttgtttaatgcggagaatcagtacactattttcttataattacaTttgaaattatatgatcaccg

>ECK125137158\_uspCp4\_forward\_1979668\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatgatcaccgggagtgattgattaattatctttactaataatcagactaatatttacctGtttgaccgagttgggattgc

>ECK125137160\_uspCp6\_forward\_1979619\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taatgcggagaatcagtacactattttcttataattacatttgaaattatatgatcaccgGgagtgattgattaattatct

>ECK120011023\_uvrAp\_reverse\_4273936\_[TIM|S|Transcription initiation mapping]\_Strong

cactccgggtaatgcattccaatactgtatattcattcaggtcaatttgtgtcataattaAccgtttgtgatcgccggtag

>ECK120048891\_uvrBp1\_forward\_813493\_[TIM|S|Transcription initiation mapping]\_Strong

actgtttttttatccagtataatttgttggcataattaagtacgacgagtaaaattacatAcctgcccgcccaactccttc

>ECK120011024\_uvrBp2\_forward\_813462\_[TIM|S|Transcription initiation mapping]\_Strong

ttacgctgtatcagaaatattatggtgatgaactgtttttttatccagtataatttgttgGcataattaagtacgacgagt

>ECK120010306\_uvrBp3\_forward\_813152\_[TIM|S|Transcription initiation mapping]\_Strong

aggggctggagacagttatccactattcctgtggataaccatgtgtattagagttagaaaAcacgaggcaagcgagagaat

>ECK120010343\_uvrCp3\_reverse\_1994879\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gaaaaaacagaaagcccatttgccagtttgtctgaacgtgaattgcagattatgctgatgAtcaccaagggccagaaggtc

>ECK120010146\_uvrDp1\_forward\_3997907\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tactgccgcatctggaaatttcccggttggcatctctgacctcgctgatataatcagcaaAtctgtatatatacccagctt

>ECK120010344\_uvrYp2\_reverse\_1995406\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aaaatcgaatacccaccatttttaacgtttcaaagttgcaataaaaaccgctaatatacgAatgactaactatcagtagcg

>ECK125134713\_uxaBp\_reverse\_1610720\_[TIM|S|Transcription initiation mapping]\_Strong

catcaggagttgatcaaaacaggggttcggcgtattaaagtttgctaacctgtcgtaccaAttcaaacaggttgtatgact

>ECK120010060\_uxaBp2\_reverse\_1610737\_[AIPP|W|Automated inference of promoter position]\_Weak

taaaactgctcattaatcatcaggagttgatcaaaacaggggttcggcgtattaaagtttGctaacctgtcgtaccaattc

>ECK120010059\_uxaCp\_reverse\_3244857\_[AIPP|W|Automated inference of promoter position]\_Weak

gcaaggccagtactggcgcggcctgcagcgagatttaccactttgagagtaatttttttaActacgtttattgatctaact

>ECK120010620\_uxuAp\_forward\_4551518\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgtggttaaccaatttcagaattcgggttgacatgtcttaccaaaaggtagaacttatacGccatctcatccgatgcaacg

>ECK120010061\_uxuRp\_forward\_4554458\_[AIPP|W|Automated inference of promoter position]\_Weak

actgatatttggttgaccagttttcgtttttttgcccacctgtacgtgccaacttccagtGctaatggtatagtttgagat

>ECK120010450\_valSp1\_reverse\_4483927\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tctgcgaacaagctttgcagattttgccaccgctttcacagaagtggtagacttcgttccTtatgaagattctctgaaaca

>ECK120010596\_valUp\_forward\_2520924\_[HIPP|W|Human inference of promoter position]\_Weak

aacaatttctttagaaaatgcgttgactcattttgaactctccctataatgcgactccacAcagcgggggtgattagctca

>ECK120010590\_valVp\_forward\_1746415\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

agcgcagaaaattacgttttgcctcttgccaccttcccactctgccgctaatattcgtccCcgttgtcacctacaacgttg

>ECK120015161\_waaAp1\_forward\_3808516\_[TIM|S|Transcription initiation mapping]\_Strong

ttaagtcaaaaacgggaaaagtaatggtaaagccacagctaaatacatagaatccccagcAcatccataagtcagctattt

>ECK120015162\_waaAp2\_forward\_3808256\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

aggctcaacagctacctgaatactgataacgcacttactttgacgtgctagtgtatcattTctttcgcagcaatccgaccc

>ECK120015159\_waaQp1\_reverse\_3808238\_[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

attttgtgtataaaaatcattcgggtcggattgctgcgaaagaaatgatacactagcacgTcaaagtaagtgcgttatcag

>ECK125137879\_waaUp5\_reverse\_3799424\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataatttatcagatgatacagctatttcttacgatgtaattccatttattaaacttcaagAcatcagtgcagaagaatcaa

>ECK125137880\_waaUp6\_reverse\_3799496\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taagtagggatttattcaaaatattgccattttttcgttttatgcatgataatgtaaaagAtattaatatttataatttat

>ECK120010257\_wzap\_reverse\_2137583\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atagccaattaccgaattgttatcttgcctgctattccgttagctgtaacacttcctcctGcattattggaaagccaatat

>ECK125137223\_wzxCp5\_reverse\_2120337\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcataacgaacagtatcgacagctcattgaaggctacatgctgcgccataaggtgaaaccGggcattaccggctgggcgca

>ECK125137887\_xanPp4\_forward\_3828919\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatatttagatgaggatgtggcaaacgtttgcttttctctttcggtcagctaaaatgcccGctttgctaccacgggattgt

>ECK125137537\_xanQp3\_forward\_3024260\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcttcggcggcctgtttctctgtttgaacgatgactaaatagtgactgcgaaaatgagatAagccgttctcaaggcgtcct

>ECK120010710\_xapAp\_reverse\_2524910\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tattgaatgcgtgagaaaagtgtattggtaagagccgggacaacctcgctataaaaaggcGttagattccaccctacagaa

>ECK120010631\_xapRp1\_reverse\_2522505\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtgtttatgtatgtcggatatctggtggtgaaatactttatgccatgataatttaatacgAtgtatttattatatggagca

>ECK120010632\_xapRp2\_reverse\_2522563\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tacaatcgtgcgcttgcctattcctgtaccaaatgtattaccgggtatattatccattgtGtttatgtatgtcggatatct

>ECK120010731\_xseAp\_forward\_2634197\_[HIPP|W|Human inference of promoter position],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

catctacccctttttgcaaaaaatgcttgctatccccgaagggcgggttactatcgactgAataacctgctgatttagaat

>ECK120009912\_xseBp\_reverse\_441373\_[HIPP|W|Human inference of promoter position]\_Weak

cacatcaccttaccattgcgcgttatttgctatttgccctgagtccgttaccatgacgggGcgaaaaatattgagagtcag

>ECK125136346\_yaaAp5\_reverse\_6615\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgctctcgcctgtggttcataccattgccagtgattatctacgccagcgtaaactcggcGtgcgcccggtgtttgatcca

>ECK125136349\_yaaIp2\_reverse\_11938\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attttttgtgcttttgcgcagaaatttcgcgatatggcaggacaagacgtaaaattgacaGcaattttattcatataaaga

>ECK125136350\_yaaIp3\_reverse\_11913\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcgcgatatggcaggacaagacgtaaaattgacagcaattttattcatataaagaatgaAtcgcagccaaggcattcatc

>ECK125136351\_yaaIp4\_reverse\_11825\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtaataaaaagaaaagattacgtgcctgaatcttctctttatcagcagtaaactagtggGtattcatccccctacctctt

>ECK125136347\_yaaJp4\_reverse\_8017\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaaacctcatgtatgctacgcagaagttatcaagtacctcgtagcgtatatacttcttaAacaattggtaacgtttacac

>ECK125136344\_yaaXp4\_forward\_5030\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcccgccgattttgctgcgttgcgtaaattgatgatgaatcatcagtaaaatctattcAttatctcaatcaggccgggt

>ECK120015468\_yacCp\_reverse\_136940\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gacacaatttaatcgacaataatggtcgtcgcctcgctcgcagtgtgctaacgtttatctTctttaagcccctggtagaag

>ECK125136370\_yadDp3\_forward\_146898\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136378\_yadNp7\_reverse\_157055\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136379\_yadNp8\_reverse\_157031\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136383\_yadSp5\_reverse\_177786\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136384\_yadSp6\_reverse\_177700\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccgttattcctctcacgagtgactggtttgaacgtgcaagcccacgtattatcctcgctGcacaacagctctgtaatgcg

>ECK120010497\_yadVp1\_reverse\_156235\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcaccagttaaattgattgaatgaatatacagggaataataatttctattttatattatTccctgttttaattaactcta

>ECK120010499\_yadVp3\_reverse\_156214\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

atgaatatacagggaataataatttctattttatattattccctgttttaattaactctaTcagggatggtttatgttttt

>ECK125136396\_yaeQp6\_forward\_214195\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtcagcactctgacttaaccgtggatgcaagtctaagcctacgaagataaactctgtttCgcaaggtgactataccacac

>ECK125136394\_yaeRp3\_forward\_211858\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagtcctaaaaatggcgggataacttgccagagcggcttccgggcgagtaacgtgctgttAacaaataaaggagacgttat

>ECK125136409\_yafKp6\_reverse\_245993\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catgtcgaaccggactggatcctgatttacaaacttaccgataaacttttacgatttgagAgaactggaactcacgcggcg

>ECK120033681\_yafNp\_forward\_251969\_[TIM|S|Transcription initiation mapping],[IEP|W|Inferred from expression pattern]\_Strong

ttgcttgacccgcaaatggaaagacaactggtgctgggattatgatgtatactattatgtAtattctggtgtgcattatta

>ECK125136402\_yafSp2\_forward\_234784\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136403\_yafTp4\_forward\_237235\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136404\_yafTp5\_forward\_237260\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaatttatattgattaaatgaatgtatatttcaaattgattttgtttgttattatttaaGtgaggtatataattagagtc

>ECK125136405\_yafTp6\_forward\_237278\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgaatgtatatttcaaattgattttgtttgttattatttaagtgaggtatataattagaGtccgttatcaatgctaaata

>ECK125136422\_yagEp3\_forward\_282223\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcactccctcttcccttccgatttacctctccttgttctgcgtcatagtatgatcgttaAataaacgaacgctgttctat

>ECK125136423\_yagEp8\_forward\_282252\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctccttgttctgcgtcatagtatgatcgttaaataaacgaacgctgttctataatgtagaAcaaaatgattcagcaaggag

>ECK125136424\_yagGp6\_forward\_285271\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acggctttgttgtttttgaaatttattaatttaaacaattagttgagatatatcgttggcGtcacaaaagcaaaataacgt

>ECK125136425\_yagGp7\_forward\_285350\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtaattcggaaataagatatgaccattgctggttaattgaatagctcattacactccattAacacgatgttgtaattcggc

>ECK125136428\_yagIp1\_reverse\_289192\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136429\_yagKp6\_reverse\_293118\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caggctggggctaccttcgtctcaaatttagatgttggataggtattatataatggcattGtgtactcttactacctgtat

>ECK125136430\_yagLp7\_reverse\_294031\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatccggttgtttgttggattgatatttaccatgtcaatgaaatggtggttatgctgccaGtgctccgcaaaacagatgtt

>ECK125136431\_yagNp3\_reverse\_295660\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaaaacaacgttgatatgcgttgattccattaaaaatcaacatattacaaaatatcatcAactattgatcaagatagatt

>ECK120030665\_yahAp1\_forward\_332039\_[IDA|S|Inferred from direct assay],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

ctatgtgtttatgagggagaggtattttcagttgatctggattgttaaattcatataatgCgcctttgctcatgaatggat

>ECK120030666\_yahAp2\_forward\_331873\_[IDA|S|Inferred from direct assay]\_Strong

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>ECK125136460\_yahCp5\_reverse\_335068\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136461\_yahMp4\_forward\_345252\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcagatgttttgtgaatgtgttggttgacattcatatgaaaaaaatcataattccatcAtgtttgtgtggggtcttttc

>ECK125136481\_yaiIp6\_forward\_405708\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctcactcctgccgtgaaattcattgttttgataatcgctggcagaagcataaacagaactAtgccggaaggcaaaagcgcg

>ECK125136465\_yaiOp4\_reverse\_380957\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136470\_yaiSp12\_reverse\_384701\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgaacccacgggtctgaaagcccttgcttttcagttattagcaacatttaacatttataAattaacatctggctgcgcca

>ECK125136472\_yaiSp14\_reverse\_384830\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaacatattttttaaatgcaattaattgacaaactaaatcacatctaaatacaatgtataAaacaaaataactatacatac

>ECK125136476\_yaiVp4\_forward\_394461\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136477\_yaiYp5\_reverse\_399460\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtaattgttaataaatttaacttaaggttgccattttgtgactcacaacgaagattcacGcttcgggaatattcccaaca

>ECK125136478\_yaiYp6\_reverse\_399547\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136479\_yaiZp6\_forward\_399444\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136485\_yajDp5\_forward\_430530\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccgtaatcaagttcccgttgatgttgaaaatcccggtcagaagatcgggattttttttgAtgtatggagattgcgaaaat

>ECK125203430\_yajGp\_reverse\_454210\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

catgatgaatttacatgccttacccacttcccctcgccgttggcaatgttatgatggcggGaatttttaccaaacacgctt

>ECK125136502\_ybaNp6\_forward\_490873\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gataagacctcaatgaaaatgataattgttatgctaaagtagccactctgtaagctgacaAcactcaatatgcaacgaatc

>ECK120034940\_ybaOp\_forward\_468352\_[AIPP|W|Automated inference of promoter position]\_Weak

tgccgtggtgtttaaaccgcacagaataaattgtcgtgatttcacctttaaaataaaattAaaagagaaaaaaattctctg

>ECK125136510\_ybaPp3\_reverse\_508262\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgcagcaactctgctaactcattgattttcaaatcgagcggttccagatattcatagagAagaatatctccgggtgtcgt

>ECK125136513\_ybaQp3\_forward\_508174\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggtgagggatggcgcaaatggagttggagacttgtttaatgtgtttgtatgattcagtAtgttcttgcatcgctattca

>ECK125136493\_ybaVp3\_forward\_463752\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccagaacaacgcacaaatcgtctttgaagctctgatgagtaacctgcgtaaagaggcgaAaatcaaaattggcgatgcgc

>ECK125136516\_ybbLp6\_forward\_515892\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

attatacctgattactgaaagagagttcccccttattcctgcgaaggataaactgtttttAgtaaaaatcagaaaaaggga

>ECK125136517\_ybbOp4\_reverse\_519329\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136523\_ybcIp5\_reverse\_556632\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgcaggtcacagcgtacaggttgttgcctgatccctttcccggcctgtatcaacaggccGgttctcttttcagacttttg

>ECK125136524\_ybcJp3\_reverse\_556967\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaagttgtgggcgacgtcgtgtttgaagacgcggctaaacgcgcctcatacattacgcctGttcccggcggcgttggcccg

>ECK125136525\_ybcJp4\_reverse\_556891\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcccgatgacggttgccacgctgattgaaaacacgctacaggcgtgcgttgaatatcatgAtccacaggatgagtaacatg

>ECK125136527\_ybcJp7\_reverse\_557025\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136535\_ybcKp5\_forward\_568810\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgctttcaagattatggcgtaagaaaattgcaatacgattattgttgtatattcaagataAtgtgaccttaattgtctttt

>ECK125136536\_ybcKp7\_forward\_568751\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatatgagcctcgttttatgctttttgttaatgtctttattttttatgtattcttttgtGctttcaagattatggcgtaa

>ECK125136537\_ybcLp2\_forward\_570847\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136539\_ybcNp5\_forward\_572319\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttaagaaggagcaattctatcgattttgattttgggaaatcaacacggcataattatgtcAccggagcctgaacaactccg

>ECK125136544\_ybcWp7\_forward\_579844\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136557\_ybdHp7\_reverse\_633524\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136547\_ybdJp2\_reverse\_606405\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctaacggaagataccttgcgattgctggaaaaaatcgccccttccgcacataaaattggtGcatcgagcgcgattgaggcc

>ECK125136549\_ybdJp4\_reverse\_606223\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gatctgggccggtgactaagccgggaattgccttacagaagaatatccctgacaatggtgTtttaacttacatttaacaat

>ECK125095188\_ybdNp\_reverse\_636686\_[AIPP|W|Automated inference of promoter position]\_Weak

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>ECK125136560\_ybdRp6\_forward\_641922\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136568\_ybeFp4\_reverse\_661460\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136569\_ybeFp5\_reverse\_661545\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136571\_ybeFp7\_reverse\_661386\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136584\_ybeQp11\_reverse\_676700\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136585\_ybeQp12\_reverse\_676611\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136581\_ybeQp5\_reverse\_676572\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136582\_ybeQp8\_reverse\_676639\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136586\_ybeRp5\_forward\_676590\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136589\_ybeTp8\_reverse\_679416\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136613\_ybgCp5\_forward\_774709\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136608\_ybgOp3\_reverse\_749185\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136621\_ybgSp5\_reverse\_785373\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136622\_ybgSp7\_reverse\_785465\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136626\_ybhAp10\_reverse\_798537\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136625\_ybhAp6\_reverse\_798592\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136632\_ybhBp2\_reverse\_808035\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136628\_ybhDp2\_reverse\_800709\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136629\_ybhDp5\_forward\_800620\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataattcatgcttcattattactccggaaaatggaagcgacgattttgggtggctggccgTtaaaaattttaactgcattt

>ECK125136630\_ybhHp7\_forward\_800694\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcatttagccaacttaaattaatgaaaaaatgttattaatcgttgagctaaagtcattaGagatgctttgcccttaatgt

>ECK125203420\_ybhLp\_forward\_819858\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agtacatacgtttacgctgcgtcgatgcacagcctcatcattttgcagtatccttaagatAttccttatatcttcaggaga

>ECK125136634\_ybhMp7\_forward\_820778\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaagtattttgtatgcgtggttttaaatttattgatggtgaatattaatattttttctaAggataactaaaagaatggaa

>ECK125136643\_ybiOp2\_reverse\_845509\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136652\_ybiUp6\_reverse\_859106\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136654\_ybiVp5\_reverse\_860088\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgggctaaatcattcacatcatcaatttcatccttactttcattcgaaatataatttgtGctctgcgtcacattgttatt

>ECK120009922\_ybjCp\_forward\_890892\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttaattgctaaaagctataactgttaaacacaatacagtgaaaagttttagactgaaggcTcactttgcagagggaagcgt

>ECK125136659\_ybjLp10\_reverse\_889941\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136661\_ybjMp4\_forward\_889940\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttttaccagaattcagggcgcagattcattcagcgcacctaaacgatagtaaagtaacaAtatattttactagtgtaatc

>ECK125136662\_ybjMp8\_forward\_889885\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136664\_ybjOp5\_forward\_897947\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaacagcggatacgcgacatccagcgtgcaagacgtggctgaagacactaaaatttgccAacctggctacataatgccgc

>ECK125136665\_ybjSp3\_reverse\_906898\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtatgccggggctgttttactggttattgatgatccccgcgcatctgtttatttttcgcgGaatggcaaaacaaatcgcca

>ECK125136676\_ycaDp6\_forward\_945839\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgctgggatatcgcgtattttcacccattgacaatgtttttggcggtggcatgatgcgcAtgaaatttgaacttcctcac

>ECK125136690\_ycaIp7\_forward\_964238\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggaactggaagctgcctcgcagagttttgaacagttttcaccctttcgttaaattcttctGaatatgcctcggggaacgca

>ECK125136681\_ycaKp3\_forward\_949547\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctaactcatcgcccgctgcacgaaagctttgattacgggccacggcaaagaaagtggcaaAgtcagacatattcatccgca

>ECK125136683\_ycaKp5\_forward\_949643\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cattaactcatcctgaatcatcacgtttacaggattatgccgcctgcgtaaagtgcgctcCagaacttaacgtggaggtaa

>ECK125136686\_ycaLp6\_forward\_960255\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagcgtcgcttgtcaatgtaagttgttgatacataatatttatatatgattaatcaacggAtgattcacatgaagaatact

>ECK125136688\_ycaLp9\_forward\_960238\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcattttgattaatggtagcgtcgcttgtcaatgtaagttgttgatacataatatttatAtatgattaatcaacggatga

>ECK125136677\_ycaMp2\_forward\_947120\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcttttttgtttcttctatctgacttgctttattccaaattttattcgtttaaaaataaaAtgtgcagcaggttataattt

>ECK125136678\_ycaMp3\_forward\_947145\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgctttattccaaattttattcgtttaaaaataaaatgtgcagcaggttataattttgcaTttcgctatttccgcacttct

>ECK120030645\_ycaRp\_forward\_970642\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgattgccgcaccggctgggaaatagaccccgtcgcataaatgattatgataagatttatGcattcataacccgatccatc

>ECK125136697\_ycbWp4\_forward\_1005890\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctggttgttttatattcatcgctgttgcttatttagacattttgtacttttattgttgagGttattaagcgaagcgacaat

>ECK125136698\_ycbWp6\_forward\_1005850\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aattcctctttataagataatcagggctttattttcagccctggttgttttatattcatcGctgttgcttatttagacatt

>ECK125136701\_ycbZp4\_reverse\_1018460\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accgctttcaagattttcaagttgttgatatttcatagcgatctcaatgttaccgtgtaaCtctttacagaatatcagctt

>ECK120029861\_yccAp\_reverse\_1031443\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gtaaagatgggtaaaacttctgggtgcccttacgcattatcattatgctgcttaattaatTacatctgtcatagagagtga

>ECK125136702\_yccSp2\_reverse\_1023994\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcgcacaatgtatttcaatcattggcattcctgtcggcattgcgaactttaaaattgccGctattgcactatggccggtt

>ECK125136704\_yccTp5\_reverse\_1027797\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatatgtctatatgttagtaagtatgattaaagaaaaattttgacacattattattcggGcggtcttttgacaggagcta

>ECK125136706\_yccXp4\_forward\_1030061\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgtcattgtccggagttttccatggatttgcaacgcgtccattaaggataaggagagcaGcaatgtcgaaagtctgcata

>ECK125136707\_yccXp5\_forward\_1029980\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaagtaatgatttttcgcgccctttggctaacactaaacgtacactcataatttactttTctgtcgatgcaaagaaatgg

>ECK120035124\_ycdTp\_forward\_1092841\_[TIM|S|Transcription initiation mapping]\_Strong

ttgtttgtgggcggaatttcatattgacaacagtacagttcttatatctattaataatagAaagggatctacaacctacag

>ECK125136733\_ycdZp4\_forward\_1100252\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taagtgtgatctacgtcactcataactgcaacggataatttgttgttgcataaaatgtgtGctcgatctcattcatggccg

>ECK125136751\_yceFp6\_forward\_1146761\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacccgcaatgtgtgcgaattattggcaaaaggcaaccacaggctgcctttttctttgacTctatgacgttacaaagttaa

>ECK125136752\_yceFp7\_reverse\_1146628\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcgttcagtgctgataacaaacatcaacctgcaaaacgaagcgcatagtttaaaatggctAtcatcaatacgctatatctg

>ECK125136747\_yceHp4\_forward\_1126077\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggtgatttactggcgcgactgggttttgaaaaagaaggctatgcgaaagactatctgttGattgatggacaatggcgcga

>ECK125136743\_yceOp8\_reverse\_1119623\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcctgtacggcgctgcctgcacctatgataattcgcctgacgaagattttattatcgatAccctacccggccacgataat

>ECK125136750\_yceQp6\_forward\_1144380\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacgcgcaactcttcctgctgagttgcgttgattaacattcttttcatcgtaacttactcAttattcttacattgacgact

>ECK125136774\_ycfDp4\_reverse\_1188267\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaagatgaataaatatgcccatacttcacgcattacgttaagcatccgttataatcggttGcagataccagcctgtggatg

>ECK125136761\_ycfJp3\_forward\_1167407\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagtattaaccgcgttatccgtccgcgtttgaagttgcattaatcgacgtacactggcggAtgtggcataaacgcctcatc

>ECK120029862\_ycfSp\_reverse\_1170417\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttacaaattctttgcacttccctgcactatccgacactgtcaccatccataattcaggctTatctgtttattacaataacc

>ECK125136811\_ycgJp5\_forward\_1226478\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcattaaagaacagatacccgttatcttaatatccgccacagaattgctctatcatagaaAccgcagaagacgtctgatac

>ECK125136813\_ycgNp3\_forward\_1228808\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgcctgaaagcggcggcaaaacttgcatcgctgtgccagactggttataaggtgcgtttTaacgtaatggcggaacacct

>ECK125136814\_ycgNp5\_forward\_1228750\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctgacagtcactttcgatgggcattctttgacaactcgcgttttgtaatactttttgccGcctgaaagcggcggcaaaac

>ECK125136825\_ycgVp10\_reverse\_1256111\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agggaataactcgatataaactcacctttgtaagggggatgttaaatatatattaattccTgtgttcctgattttgcccgg

>ECK125136802\_ycgXp4\_reverse\_1213284\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctttcatgccccctaatttcacctttatcccgccccttagacagaatgttataatctgaAcccacaacagcgtttgtacc

>ECK125136803\_ycgXp5\_reverse\_1213212\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttgtaccggagctggtccgttgcaaaatgctcaccgggagaattcagatattccctctAtcacactctgtacatatcac

>ECK120009902\_ychFp\_reverse\_1257882\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttaaagcgcaataagtcgttgtctgcggcatttttgccgagtgccgtgtataataggcaaAgttatttccatttctgcaat

>ECK120033032\_ychHp\_forward\_1258738\_[AIPP|W|Automated inference of promoter position],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

agggttgtaattgtgatcacgcccgcacataacccactgggtgttgtctatactttacacAtaaggaagaggggtattccc

>ECK120022125\_ychOp\_forward\_1273760\_[AIPP|W|Automated inference of promoter position]\_Weak

cgcgagaaaatacgacaaaagttgccagtaatcgttattctttaaggctatggtttttcaTtattaccggaagttaccgac

>ECK120010693\_ychQp\_forward\_1266899\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

catttatcctcgcggggtatcatgacgtcgaaacctgccgtgactatggtgataacgagcGcgtaacgctcggccgctatt

>ECK125122033\_yciCp\_reverse\_1313698\_[HIPP|W|Human inference of promoter position]\_Weak

tgcttttccatacaagacctgatgctgccacccgaggcttaaccagggtacaattgcccgCtaattaacacctgcataaaa

>ECK125122032\_yciEp\_reverse\_1315396\_[HIPP|W|Human inference of promoter position]\_Weak

agcacagaaagtcgagcattatgagattgccagttacgggacattagcgacgctggctgaAcaattaggttaccgtaaagc

>ECK125136855\_yciNp10\_reverse\_1330689\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcgctcttgccaccagcgtggtatatttgtctgcaagccatgcctggcgtagactaatgTccttgtttaaggagtaaata

>ECK125136840\_yciUp4\_reverse\_1307359\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtcgatggcgaactaagtctggttggcacagttaaccttgatatgcgtagtctgtggctAaatttcgagattaccctggc

>ECK125199578\_yciWp\_reverse\_1350132\_[AIPP|W|Automated inference of promoter position]\_Weak

ctgatatttgttatcgccgatccgtctttctccccttcccgccttgcgtcaggataacgaTttcctttacgaccaaggagc

>ECK125136871\_ycjMp3\_forward\_1370185\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgcgtgactaaaacccttgtgctcaattgacagtttattttctgcggagtagtctctcgTttcatgggaccgctaccacg

>ECK125136873\_ycjWp2\_reverse\_1383991\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggccattgattatcaactgcccgtgttgtcatcgaccggcgaactccataagatgtgcaGcattcacgttcggacggagt

>ECK125136889\_ydaEp5\_reverse\_1418219\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcaccagacaccgcatcaacaaagttcatttgtaaaaatggagataattatgattgcacAtcacttcggaactgatgaaa

>ECK125136895\_ydaSp4\_forward\_1420260\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcctgctctatcgctcggcctaagtctttaccactaagcattgcttaatattctcctatGcgcattacattaggcaatcc

>ECK125136896\_ydaSp6\_forward\_1420343\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136912\_ydbCp1\_forward\_1474188\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atccagtaatcttgtttacaccttcgcattatttatctcttttcgtttctatactgatttTtcttaatccgttttattaca

>ECK125136911\_ydbHp9\_forward\_1442900\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcataagactttctccagtgatgttgaatcacatttaagctactaaaaatattttacaaaAtttcaaatttaattgaaagc

>ECK125136918\_ydcFp3\_forward\_1487202\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcggttaaggacatacgatttcctcctttcagagtgctccgcttctcactattatctcacGcagtattcttaagggaacga

>ECK125136927\_ydcIp4\_reverse\_1495117\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgctgtaacataattgctttaattgttaataatattttgcaatcaagttatcataatcaAacaacttcacttgtcagcga

>ECK125136928\_ydcJp10\_forward\_1495133\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcgatgttaaaaacgaagcggtgtcgctgacaagtgaagttgtttgattatgataacttGattgcaaaatattattaaca

>ECK125136935\_ydcLp1\_forward\_1502369\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgacttagcccctttttcggcattgactatgtcgtctgaaaaggggctgaaaaatttaTtttcaccaacactttttttg

>ECK125136936\_ydcLp4\_forward\_1502345\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttactgaaatttaagtactgatgattgacttagcccctttttcggcattgactatgtcgTctgaaaaggggctgaaaaat

>ECK125136937\_ydcLp5\_forward\_1502446\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgccacaacacgaagcggcgctttttgctataacttagaaagtaatataatcatctcaGgaaactattcatgcgtacca

>ECK125136941\_ydcPp2\_forward\_1506754\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacccgcgcagttaagcgggaaaactatttcgcaacgtcgcgcttgtggctaaaatagccGccatttttcagctactggat

>ECK125136942\_ydcSp7\_forward\_1511515\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatagcagtcatatttcctaactccttgactatactccagaagataaccttacagacggcAtaatgcgcggtagctcacaa

>ECK125136943\_ydcSp9\_forward\_1511453\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcaagaacggctgtaatagcgtttaatttaattcctcttagattgggtaatatgaatttCgaatagcagtcatatttcct

>ECK125136948\_ydcXp7\_forward\_1517236\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttctactggaaacattcatttttgccaccttttatcattgcccctatgtgtatagtacggGttaagaaaatccgcaataat

>ECK125136950\_ydcYp3\_forward\_1517610\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcactgttttaaatcttactcactggcttgacggcaccacgcagacttatatcatttggAtgaatcgataaatttcacaa

>ECK125136960\_yddJp5\_reverse\_1544825\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136961\_yddJp6\_reverse\_1544851\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaccagttgaaatatataaatcttgatttcctgacttatcttccatctatcaaaagtttAagactggacaataataaaat

>ECK125136968\_yddWp6\_reverse\_1568852\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgctccctttttcgtgcttgctgtcgtattgacttaacggggataagtacgagaatgagcGcacatctgtttaccggaaac

>ECK125136984\_ydeEp1\_forward\_1621304\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136985\_ydeEp4\_forward\_1621264\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgattcgttagtcgccggttacgacggcattaatgcgcaaataagtcgctatacttcggAtttttgccatgctatttctt

>ECK125136987\_ydeIp5\_reverse\_1624559\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatttgacagctagttggctgattttaaatgccttataacaattggcaatattcttatttGgcaattataaaaatagcaac

>ECK125095187\_ydeJp\_forward\_1624688\_[AIPP|W|Automated inference of promoter position]\_Weak

atttaactcactaaagttaagaagattgaaaagtcttaaacatattttcagaataatcggAtttatatgtttgaaaattat

>ECK125136974\_ydeNp\_reverse\_1582554\_[TIM|S|Transcription initiation mapping],[ICWHO|W|Inferred computationally without human oversight]\_Strong

atctctttatgtgactaacttcacttacatccacttatttctcttcgtaaaattactttgGaattaagtacaataagaaga

>ECK125136973\_ydeNp3\_reverse\_1582729\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cataacctgttgcatgattatttatgatctcaattctgcattttgtcagtaaaatgcaatAatttattaaatatcaataaa

>ECK120033717\_ydePp\_reverse\_1586664\_[IHBCE|W|Inferred by a human based on computational evidence],[TIM|S|Transcription initiation mapping]\_Strong

gcgcacaattgaagccagagtcttattttttatattgaaaaatatgttaatttaaacactAtgagagatgatgcttaactt

>ECK125137002\_ydfAp8\_forward\_1648436\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137017\_ydgCp3\_reverse\_1682062\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137022\_ydgJp6\_reverse\_1704399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137036\_ydhCp5\_forward\_1739849\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgaccacatagtctgcctgcaaaatttttgaaaccagtcatcaaatattaccgtttcacAacactaatttcactccctac

>ECK125137037\_ydhCp6\_forward\_1739878\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137032\_ydhFp3\_reverse\_1725655\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137033\_ydhLp3\_reverse\_1725932\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgcaagcaaagttgctactttggacattaacagcttcaataatggtaataatcttatctGaggagggcgaagtggcggag

>ECK125095200\_ydhOp\_forward\_1734357\_[AIPP|W|Automated inference of promoter position]\_Weak

atttttttgcgctcgccaacgaaacgtattttttaacaataaaagctattaactttctctTcttctatgcattagaatcat

>ECK125137045\_ydhZp5\_reverse\_1755167\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgttatttgtctgattttgtttgatttttgtttaattggttagattgatatatgctgataGttggcatgataaataggtat

>ECK125137060\_ydiEp5\_forward\_1789603\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tactgcttgctctggtcagccataatattgataataagaatcattgttatatcaattattAttaatttttatgcgttatac

>ECK125137053\_ydiHp3\_reverse\_1765147\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137056\_ydiNp6\_forward\_1772409\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggaaaatcgcgatcaaaaacaaactatgacatgcaatattcctggaaacataaactttatGccatgtacccagggaaaatc

>ECK125137065\_ydiYp11\_reverse\_1806250\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacaatatgatttattggagctttatttaaaattttgcagataaatatatataaataaaaAtctgttttcgccacatgctt

>ECK125137066\_ydiYp12\_reverse\_1806170\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattcaaaaaatgaaataagaatacattgctaagttattcgcgcctttttataattcgttAcctttccagggacgctaatc

>ECK125137086\_ydjEp6\_reverse\_1854041\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtaatttaagcacacgttgtcaatattatttgttcctgcgccttgaaataaaatgatgAtaaagatgcggcaagtgaat

>ECK125137088\_ydjFp7\_reverse\_1854886\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatctgtgattcaaacaggttattttgaaagtaaacatcggttatgcgataatcgcgctAatgtgatgtaaaaagataca

>ECK120015516\_ydjMp\_forward\_1810170\_[AIPP|W|Automated inference of promoter position]\_Weak

gattaatcgtcaatttaagagaaagagttacaccgtcaccacttccgtgcactgtataaaAatcctatactgtacgtatcg

>ECK125137073\_ydjOp10\_reverse\_1813255\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctattgctataaataagtgatcttttttctttaattgtttatttattttaaaatggttaAgttttgctaatcatgatgag

>ECK125137071\_ydjOp7\_reverse\_1813188\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctaatcatgatgagctatttttgatagttcatcctgtggcgtcgctcttaaacttatattGtaaatgacttagatttaaat

>ECK125137072\_ydjOp9\_reverse\_1813153\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtggcgtcgctcttaaacttatattgtaaatgacttagatttaaatgagataataattttGttaacaatatgaggcgggag

>ECK125095204\_yeaEp\_reverse\_1865724\_[AIPP|W|Automated inference of promoter position]\_Weak

cgatggtggataaatcctggactggcctgatttctaccgggatcacctacaaattctgatAatgcatctttccagggcatt

>ECK125137091\_yeaIp5\_forward\_1870364\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137093\_yeaJp6\_forward\_1871937\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agccatgctttttgcgtggcttttgcatacaatttattactattacccctaaatttccccTccccagcggcgcagagatga

>ECK125137095\_yeaMp6\_reverse\_1875598\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tacaaacgaggctgtaccttaccgtttttattgttatgttgaatcaagctaaaatgacaaAttatcgctaagttcggacaa

>ECK125137098\_yeaOp3\_forward\_1876822\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aactggtctgtaccacttatgggtgttgccatactttcactactgatggcgattttcggaCtttgcgccgggagagacaaa

>ECK125137101\_yeaPp3\_forward\_1877666\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cattcactcaaaacatattacgtcttgtttcatctttgttgatgatgttttatcatgcctGcaaagattaaataatcagca

>ECK120033252\_yeaRp\_reverse\_1879994\_[TIM|S|Transcription initiation mapping]\_Strong

gctaaaaagtaaccaataaatggtatttaaaatgcaaattatcaggcgtaccctgaaacgGctggaataaaccgttttcag

>ECK120015435\_yebBp1\_forward\_1946110\_[HIPP|W|Human inference of promoter position]\_Weak

atgaagaaaacttgcgaggtgtctcgatgaactgaaaaatggcacagtataatttattctAcaggttatattggaagcaaa

>ECK120015431\_yebCp\_reverse\_1948185\_[HIPP|W|Human inference of promoter position]\_Weak

gcggcgctcactaagtcctggagcaaccggcaggcgattgaacagtttgtaattaacgctGcctgaacaggcagggctatc

>ECK120029864\_yebEp\_reverse\_1929732\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

tgcgcatcttttgtctcgatatacattttctgacatcctcatccgctatgctacaggcacTaaaaatggttattgaggagc

>ECK120035103\_yebGp\_reverse\_1930765\_[HIPP|W|Human inference of promoter position]\_Weak

gtctttattgctgatgttgatttctcaaccgaaaagaaatatactgtataaaatcacagtTattatgagaggctgcaaatg

>ECK125137139\_yebKp2\_forward\_1936590\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaataacaacttttttatctgcttttgtcattaacacggcacacaggcgtaatatctgacAaaactgcatttcgatttctt

>ECK125137121\_yebQp4\_forward\_1910157\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catttatcacctcattgcgagtgttttataaaaatcagaactgttttttattataatttcGcaccagggtggtcgcaatcc

>ECK125137124\_yebSp5\_forward\_1916119\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aactggtttctcccgccatcagcgcgttaaagtcgcgatttaaatccgcgtaaaattctgTtttgttcattatataatcac

>ECK125137125\_yebSp6\_forward\_1916181\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgttcattatataatcacttggttgtcttacctggatctgccagcctattaaaataagcAttaaatgcgttaatgctcaa

>ECK125137129\_yebVp6\_forward\_1921725\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgcacaaaaaaagcgcactttttgactggcacattcggctgcctcaactaggctgaaaaAtggtgcgatcggactggtcg

>ECK125137131\_yebWp6\_forward\_1922084\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaacccgtcggcatggcgggttatttgtcctggttattcccccgttgtaaaatctctccTaaacttaacggtacggcacc

>ECK125137148\_yecDp7\_forward\_1950760\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaaatcagactctacgccagtttgctataaaggtgttgcccgaactcataaaaattaacAaaatttgtcgttccgccatc

>ECK125137149\_yecDp8\_forward\_1950636\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagtcgcagcgttagctgtatgtcacaactgaatgaaaaaaggcggctattatactggaaAttctgccgcaccgtaagagc

>ECK125137165\_yecHp3\_reverse\_1989564\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taacggctgcttcgtcaaaccgacgttacatatggtgtaaatataaatgtacaataaaaaGcattcagtcctgcgctggcg

>ECK125137151\_yecMp2\_reverse\_1959984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgaagcgagcaaaaattgcccgcaccagttaaagaaattagggcgggagtatactgcaaAtggctgttttcgtcagcaac

>ECK125137152\_yecMp3\_reverse\_1959872\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcatcagaagcggcgtgaaatcagcggttggttggcacagggcaacagggtaaattaacgCttttactgaaagacgaagag

>ECK125137154\_yecTp3\_forward\_1961931\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatggacatgccattgttttctcactgttggataagaggccagaagcgtaatatccggCcccagggaaacgataacggt

>ECK125137172\_yedDp5\_reverse\_2008261\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccagaatttaatcaaccaggcgtgtttgaattgctgccatgacatgaatgtagcctctgaActcagaaggtttgaaacaag

>ECK125137177\_yedIp2\_reverse\_2029461\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataaaaaggtggttcatagtaaacgtgaaaatcattctgctggcgagagatataattgcaCttgattgttaaaaaaatgtt

>ECK125137178\_yedIp3\_reverse\_2029370\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaagtatcagagctgccgtttttgcttcatacttacacccttcaacaataaaaatgagaGggaatgcttttggccgggag

>ECK125137180\_yedJp4\_reverse\_2033223\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccgatgcccccgtgtcgggatttgaaagcgatttaggctctaccgcgggaaagtggttaGgggcactggtcggattttta

>ECK125137182\_yedXp\_forward\_2038840\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cattcctgggtcctttgattatcttcaataagtagaatcttcatgaaaataatatgccatAaatcatatgttatagaaaca

>ECK125137191\_yeeNp4\_forward\_2056792\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attatggctttagaatatttttatttctaatagacgagatttttcctgttatgatataatAtgctgaattaacacatgtta

>ECK125137192\_yeeNp7\_forward\_2056754\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgccaacaatataagtttttataaaattaaatataagattatggctttagaatatttttAtttctaatagacgagatttt

>ECK125137195\_yeeOp7\_reverse\_2059722\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttgccgtttctatcaacagtttgttgcatttgcagacaatttgttggcgaaaatctttGcagctttgctgattctccct

>ECK125137200\_yeeXp4\_reverse\_2079417\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgatagtgaaaagggataaaagcattgtcatctgcggcagctatgagtaatgttggcccTaacgaatagcggttgcttaa

>ECK125137203\_yeeZp5\_reverse\_2089211\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctggtatacgcggttaccgacgattcactgctcattgcagcatgtcgttatcattattgAacagattcattcatagaatg

>ECK120035130\_yefMp\_reverse\_2089733\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ccttgatctacaaactaattaataaatagttaattaacgctcatcattgtacaatgaactGtacaaaagaggagattgaca

>ECK125137224\_yegDp2\_forward\_2147644\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgctgcgctttgctttcatattccggttgtcgcgacggcaacatttcgctaaagtcacgCcccttcttcaccggcatggg

>ECK125137225\_yegIp7\_reverse\_2151077\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagttaatcattatcaggccgaaattgaattgtatcctgataaaattgcattatcattttTattcttgagtgggttttccc

>ECK125137226\_yegIp8\_reverse\_2150999\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccccatatagaaataattttaatggttagttgttattattcattgaaatataatataactAcccgcgaaatattatgaaaa

>ECK125137228\_yegJp7\_forward\_2151016\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgatgtaaatacttttatatttgttttcataatatttcgcgggtagttatattatatttcAatgaataataacaactaacc

>ECK125137230\_yegQp1\_forward\_2165591\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgggcgtgggttgttggcgtccggcgctttaccagagccccccacagcgctacaatgcccGcccttaaagtgggggcactc

>ECK120048892\_yegRp\_reverse\_2168349\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttgtacagaacatttattataatcctattcaattataataatcatgccattattatatttAaacactagagagtgtcgttg

>ECK125137233\_yegSp6\_forward\_2168543\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattgaagatgccactgtttagttgaatattaggtatatgctcttttttgaaatttatcgGtggcagccgttagtattcgc

>ECK125137234\_yegSp7\_forward\_2168565\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgaatattaggtatatgctcttttttgaaatttatcggtggcagccgttagtattcgctGtccccattgcaagctcctgg

>ECK125137240\_yehAp6\_reverse\_2188472\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accgccatcggttaatgtggcaattgataagcaacaaggactttcatgcacaatcaccttCggtaaagagattgatgaaag

>ECK125137242\_yehEp7\_reverse\_2192880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttcgtccgaaactctacaaagtcgattgatcatacaggcaatgcttcattatcatccttcGtggctgtgtagtggatgtac

>ECK125137246\_yehKp1\_forward\_2203784\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acctgggtgagtaccggctggtccttaagttttcacccggttttaaccactacaatgttgAtagcaaagcgctaatgagct

>ECK125137247\_yehLp3\_forward\_2204402\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggattataaatctcattatcttaattgcaacggggtccagccgtggttataattcgttcGttggaacacgatgttgcaca

>ECK125137266\_yeiEp6\_reverse\_2249656\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaccctctcctttaaccgggcataaggttacgactaactggtttaaaaataaaattgattAtatatttataattaatcttt

>ECK125137267\_yeiEp7\_reverse\_2249638\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcataaggttacgactaactggtttaaaaataaaattgattatatatttataattaatcTttataagtggtaagcgacta

>ECK125137277\_yeiQp6\_forward\_2266214\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tcatcgcattaacaatccagaccaatttcaattgctgtcatataactttacactgtcgttGttaattaatcgttactaaga

>ECK120034266\_yeiTp\_forward\_2233989\_[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

atcttttcacagtttaaattcccccgcacgcttagccttaatatcagtacattattatttActaaacgctcgccttaatta

>ECK125137274\_yeiWp6\_reverse\_2265420\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taccttttttaatttcgttcgctcttggcatcgaaaaattcctgtagtcgaaaatgtcaaAaatatcgcgacaaagtactc

>ECK120030649\_yejAp\_forward\_2272312\_[AIPP|W|Automated inference of promoter position]\_Weak

gctaaagaaaccgtatacgccgcagtggtaaggtgtgcttacgtcccttattattcatagTgaaagcatgccggattgcgg

>ECK125137302\_yfaEp1\_forward\_2348341\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgaataaagacattctctgccagtacgttgaatacatcaccaatatccgtatgcaggcaGtcggtttggatctgccgttc

>ECK125137300\_yfaLp7\_reverse\_2344284\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atataactgatatccctgaaggttattaacttgaattatgacgcactgatattattcatcAaataataacaaaatagccat

>ECK125137301\_yfaLp8\_reverse\_2344207\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccattgcaccgggttgaacaatttacaaaagaaagatattccatatcgtataatgcgattAaatacgccgtcttatagaaa

>ECK125137306\_yfaZp4\_reverse\_2364372\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaagtgtgtttattttttcggcatttaattatttaagaagtatttagttacaataagtgActagatcctttttttcgctc

>ECK125137307\_yfaZp5\_reverse\_2364317\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagtgactagatcctttttttcgctcattgaatcctctgtgccaggcagtacaatcccgcAgctttgggaattttgattaa

>ECK125137318\_yfbKp3\_reverse\_2385784\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gggttgcgttgttgaatcattatttgctatgggtttcgatattgtattttattaagattaGcaggattatacaaagagtat

>ECK125137324\_yfbLp10\_forward\_2385805\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caggcaccagacataaaatatactctttgtataatcctgctaatcttaataaaatacaatAtcgaaacccatagcaaataa

>ECK125137321\_yfbLp5\_forward\_2385750\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cataagcaacatgattatatttttatttcgcatataaaatccttttaaataaactcaggcAccagacataaaatatactct

>ECK125137323\_yfbLp9\_forward\_2385769\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttttatttcgcatataaaatccttttaaataaactcaggcaccagacataaaatatactCtttgtataatcctgctaatc

>ECK125137326\_yfbNp8\_reverse\_2388554\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tattcatcaaacgaatgacattgtttgaattcattagcagataaatagtgacaattccatAcgtattattagtttcaagag

>ECK125137328\_yfbOp5\_forward\_2388458\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtttacgaatttcacttaaccattccatgtcaaacccctttaaatatttatgatattaaAtataacaacgtctggataac

>ECK125137329\_yfbOp6\_forward\_2388539\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gacccggcctgactgaatatctcacgttttcctgcttaacattcatgttatgatgctcttGaaactaataatacgtatgga

>ECK125137335\_yfbRp4\_forward\_2408835\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtaatcttaatttcactgccggagattgcatccggcagcgttatcccgccacaatgacctGatgatgtcatcatacgtaag

>ECK125137341\_yfcJp2\_reverse\_2440241\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

acctgatggttccctttttcacatcattgacaatcgccgccagttccaggcaaacttcccGctttgtcgatttccttctga

>ECK125137342\_yfcLp5\_reverse\_2444251\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaatggcattccggaacgtccggcacgcttcattaaagcactacaaaattattatcacacGccggaacttacggcggaaca

>ECK125137345\_yfcVp6\_reverse\_2455821\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatctttcccctatcaatatattaattaaatctacatttactcattagtaaaattaaattGaatcaggggagtgaaaacat

>ECK125137346\_yfcVp7\_reverse\_2455668\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctgggtataaacattggctattgactgaatcaatgtattgcaatgtttatattttaattAtttatagtttaaggacaaat

>ECK125137350\_yfdFp7\_forward\_2462984\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taggttctaaataaatgagcgttttttgatagtctatttcattaggtaatatatatttgtAacaaatcaatcaaaatggaa

>ECK125137356\_yfdPp6\_forward\_2473536\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcagattttgatgcgtcagattttgacgggtcagagtctgacagttgagaaaatgccgctGcctgaagcttcgcaacgtta

>ECK120033723\_yfdXp\_reverse\_2494433\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

ttcaaaatgaccgttgctctctgatttctcatttcatgctcacccaatatgatggcggcgTtttctaaaactgttaaagaa

>ECK125137362\_yfdYp5\_reverse\_2495333\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttttcattgatgcttagcaaaaattgccagaggttaaggattgtcttactattaaagtgActgaagttacaggtttttta

>ECK125137367\_yfeAp5\_reverse\_2517869\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatcggcaacaggctggccccctgtttgcttcgcgatgcgaataaacttattatttgtGtgcctgaaaaccccgatcag

>ECK125137372\_yfeCp3\_forward\_2518384\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaaaatcaggcaaatgaacaattttggaaaaccgctcgcattcagtagttattcatgtcAcggtttcctgtaaagtggtg

>ECK125137365\_yfeOp1\_forward\_2509453\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcccacatcaccgactaatgcatactttgtcattcttcaactgctccgctaaagtcaaaAtaattctttctcacactgta

>ECK125137380\_yfeXp3\_reverse\_2550554\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaaaaacacgtaaaatagcgctcaacaatgccacggattgcgtggcattattattttcaGgaggaacaatgtctcaggtt

>ECK125137385\_yffOp7\_forward\_2561993\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaaatcataagaattgctagagatttggaagcgccagttgacgctccgttagattgctaAcgccaaaattagcgctgaat

>ECK125137389\_yffSp4\_forward\_2564400\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttggtaggtagagtatttgaaaaacgtaattgattgcgaatagcaacaactaaacaaccaAtacacccggcccctcgccgg

>ECK125137396\_yfgGp5\_forward\_2629252\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgacgcttttttacataacgaagaattgaccattttgtcctgttgtgccttaatgtaagtAccgtccacagcgtgggacat

>ECK125137397\_yfgGp6\_forward\_2629186\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catcattattacatcatcattgtaaataattaaattaacttccataacattaaaatatgtAtccactgacgcttttttaca

>ECK125137399\_yfgHp10\_forward\_2629672\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctgtttggctgcgaaataaatataaaattaatatatatgttgtaatgatatatttttatAaattattccctgcgtgaatt

>ECK125137419\_yfhHp5\_forward\_2698707\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atggctaactggaatttttaattcatggcaattagcggcaatggaatataaaattcactcGcgtgtgtctcatattgcctg

>ECK125137423\_yfiCp3\_reverse\_2712805\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gacgttacggctgcaatcttcatctgtttgtatggatatcgcttctcgggtattgttctcAcccggtgctatcgccgtttt

>ECK125137425\_yfiEp7\_reverse\_2715344\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggtagacagtacccgacacggaacatttaaaaaaatgaatgtttttatattctagattcGatattttcgataggtttggg

>ECK125137434\_yfiLp10\_forward\_2741355\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tctgtatagataaatttacactccctttgaaaacaatccgctatgctttgaaaaaggagaAagaaatgatgaaaaagttta

>ECK125137433\_yfiLp9\_forward\_2741315\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatttacacaggcaatttagtcgcgctttcaacccttacctctgtatagataaatttacaCtccctttgaaaacaatccgc

>ECK125137428\_yfiMp2\_forward\_2724033\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcactatcgcgatctgcaaagtattgccgattatccggtgaaggttcgtaaactcatccGccgtttgcgccgtatccgca

>ECK125203421\_yfiRp\_forward\_2741824\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cattgtgttttatttctcacattgatgacggtcgcatgaaaaaatgatattttaatgagcAttctgaaaaaatatcgatgc

>ECK125137436\_yfiRp5\_forward\_2741762\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccagcacaatacgattaaattaattaaaaccccacaaataaattaaacataagattttaCtcattgtgttttatttctca

>ECK125137446\_yfjHp2\_reverse\_2758663\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tagatggtggcccgtgccatacctgttttttggataaccgctggtaaccgtagtattctaAcggccgatcgattgttcatt

>ECK125137448\_yfjIp3\_forward\_2758978\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccattaatagcggaatagccatatttgctaaacaatttcttaatttaattaaataagagGcattgcatgttcaatggtcg

>ECK125137450\_yfjIp9\_forward\_2758855\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgtcggatggattgaggccgagattgatgagtggttatcacaacgctgtaaacttatttGagggtgttacatgaattcat

>ECK125137452\_yfjJp6\_forward\_2760507\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccagttcggataaaagcttgtcatcttgataggtaatatataggtacatagacacatcaGaacgatcacttactccaata

>ECK125137453\_yfjMp3\_reverse\_2765985\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccagcccttgaccctggcataggaccaattgattggattgaatagtttttattttcaatgAattgtctggattcagtctcg

>ECK125137455\_yfjPp6\_forward\_2767644\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaaagattctgcaatctatgtgcattgaaaaaatcttcagatagatatcattctcctgaAcaatccgatgaacggcagaa

>ECK125137457\_yfjWp5\_forward\_2773285\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctgtatcgagtaatgaaattggttgctagaaagtcgatgatttgttgcgtatgattaaaaAtcaaccttaaaggctttata

>ECK125137465\_ygaZp8\_forward\_2809595\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttaagaagcccatcagtctgataaggttaagatattcattcagtctatttataatattaAcaatcgttaagcgtacactc

>ECK125137475\_ygbEp3\_reverse\_2873392\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttagtaacaaatttggtacagcaattattagatctgttgagacagaacgatattatcagaTcctgagacaccaccgggttt

>ECK125137468\_ygbIp5\_reverse\_2861441\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgacagtgctgctcccattcccattgaccctaagccaacgataccgacatgaaactcagaTcccgttttcatctgctctcc

>ECK125137469\_ygbIp6\_reverse\_2861362\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccttgttaatttaagtgatattttgtttgatattgtgaatataagcgctggaagataacgGtatggtgatctgattcacat

>ECK125137485\_ygcGp6\_forward\_2905666\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccaaaattatatttattttttctgtattagtttttaatgataacgaatataaaattaccgAtgccgccgtcaatttattta

>ECK125137492\_ygdDp2\_reverse\_2941721\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtaaaaatgctttttatctggtttgtcatgacagtcaggcagaactgggtaaaatagccGcctttcgccaatggatcctg

>ECK125137502\_ygdQp3\_forward\_2970392\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtcattttctgatccagtagccatcgctttgacctgccgctttccgggcatataattaccGcttcatttttttggcagggc

>ECK125137524\_ygeHp10\_forward\_2991879\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acctcttatgttttcttaaatcagcatcttaaaacagttaagagcatactataaatcattAtttttcaatgcgttagagaa

>ECK125137525\_ygeIp6\_forward\_2993581\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacaacagagataaaaatatctaagatattcaccttattgcaagatatttaaaatgctctAgagttaaaagtatgatgtaa

>ECK125137527\_ygeIp8\_forward\_2993603\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagatattcaccttattgcaagatatttaaaatgctctagagttaaaagtatgatgtaaaGaccattggcctggacaatta

>ECK125160781\_ygfBp\_reverse\_3055473\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgatgagaagagacaagcccttttctggtccaccagggcccaaagtggtagcatatcatgAatattcctccctttgacgac

>ECK125137550\_yggIp3\_forward\_3089659\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccaaacacgtttcgctggaacatattgaacgtaatctgatgaaaggtcgtaaactgcgcgAaataggcgctcacgattaat

>ECK125137551\_yggIp4\_forward\_3089752\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cctcccatcgcggaggaagccacctcttgcagtcatcttttcttcgctctatcctctgccGctatgaaaacatcccgtctc

>ECK125137560\_yggLp2\_reverse\_3102250\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ggaaccttatgcggaacatatgcttgaagtgatgtcttctattgacggttataaaaacctGtcagagagcaatgattacgt

>ECK125137558\_yggMp3\_reverse\_3099593\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttttcacttcagactcacgtccattgccaattttaattaccctaatgataatcaccggaAtaaattattccgcgtgaggt

>ECK125137589\_yghAp5\_forward\_3149483\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caagcagccagcgagaagcatacattgcattttcaagaaaacgttccatacattcctgtcGtgtagttaaaacgggcaaca

>ECK125137564\_yghDp2\_reverse\_3111211\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttcacctccagctacgggccgcgaactttgccagtttcgacaaactgcgtagtgtactgGcaaccgattatgttgtgcaa

>ECK125137568\_yghJp5\_reverse\_3119259\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaaatgttgttaattttttgtttgttgaaatttcgtaaaaatagccagatagacatcgtAtaggggttattcttataaat

>ECK125137569\_yghJp6\_reverse\_3119320\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatctgttgcttttgcaatcttaatcgttaaaactaccaacaaatttatatagttacgttGtgaaatgttgttaatttttt

>ECK125137575\_yghQp6\_reverse\_3132449\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacagaaggcggtttctctggttgccatcgtttctgaccgccgaagtttaacttaaggctGgcgggatactttttactatc

>ECK125137582\_yghTp10\_forward\_3134016\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgaaaaacccggcagtaaataatgtattgaatattacgtggtccgtgctcagaatatccGttcaaccttattgtgacaat

>ECK125137583\_yghTp11\_forward\_3133982\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgtggaattaattattgacatattacgttgattcacgaaaaacccggcagtaaataatgtAttgaatattacgtggtccgt

>ECK125137580\_yghTp7\_forward\_3134084\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttattgtgacaatggttaattgtgacattgacctgaattacgctttcataaaaacatattAaccaaataaatatttttaat

>ECK125137585\_yghWp6\_reverse\_3146753\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatagcgtgcgcaaaagtcgttctttgcctaaaatatcgctatatatgacaatatataGcgaatgaggtgaacgatgaa

>ECK125137613\_ygiLp4\_forward\_3185311\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtataattgcaatgtattttttaagttttacttaatcgatatttagataaactaattttAtaaaaaacacaaaataaaat

>ECK125137614\_ygiLp5\_forward\_3185342\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cttaatcgatatttagataaactaattttataaaaaacacaaaataaaatatcatatttcAatgattagtagtccttaaat

>ECK125137609\_ygiNp2\_forward\_3173078\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccgacatttatcgctaatgacgtgataaaaatgcctgatgttccccgctatactgaagaAtatcgcaagcatcttgtgga

>ECK125137593\_ygiQp5\_reverse\_3161182\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaggagggcgagtatggaatacctttcgatttctctttcgttccggcttataatccccgGcctttgattatttttttatc

>ECK125137597\_ygiSp4\_reverse\_3167731\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgcgataagtttgagcgaacaatgccacaggcgtattgttgttgggcttataatttctccGgtaaggaataccatgtatac

>ECK125137600\_ygiVp2\_reverse\_3169287\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtcgataaagactggaattctgttgaaattgacgtcaaacagatccgcaaagtaaatccGtaattgttaccgctcccggg

>ECK125137605\_ygiZp3\_reverse\_3172253\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttttttggggattgaaaatatggctttgaataagtaaaagatgaaagtatcaacgtgtcAtgttgataattataaatgga

>ECK125137629\_ygjHp3\_reverse\_3221255\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttagcctacaggattgagaaaaacttttgctatagtttagtaaaattttaccctaagggAggaagcaatggaaaccgtgg

>ECK125137637\_ygjQp5\_forward\_3236513\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acaaaatctgaaaatgatgtcaggcgttatcttttctttctttagcgcctaaaatcgaccTcccccctttcgttaaggata

>ECK125137642\_ygjVp4\_reverse\_3241819\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcgtaacgacttccgcgaactggcgatcttcaaaagcggcgtaacgctataaagtcgaaAtgagttgttaataaaaaacg

>ECK125137664\_yhaBp3\_forward\_3267816\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taacgccgggtaaatgagcgttttttgatagtgcgaaagaaccctgcgaggaaaataagcAtctattattgtttgtcatga

>ECK125137648\_yhaHp8\_forward\_3252263\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

actttattaattccttgaacgaatatttactgccatttcattcacgtctattcttaatttGctgctttaaaaacaagtgat

>ECK125137650\_yhaIp10\_forward\_3252761\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccggcttttatcattatgttgatgaatgaataatttactaatgtttatttaaaatatttcAatgtcgttatataaattacc

>ECK125137651\_yhaIp11\_forward\_3252783\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaatgaataatttactaatgtttatttaaaatatttcaatgtcgttatataaattacctAtaaaaaataaccatgtattt

>ECK125137653\_yhaJp4\_reverse\_3254280\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tggcagttcgggtagtaatcataattcttgacctctctttacttccttttatggtaagggGctggacgctacattgttagc

>ECK125137680\_yhbQp2\_forward\_3299939\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttgccagccaacggctgatggcgatgagtgtttccattgctgttctcttttatactgtggGcctgaccttaacatgcgacg

>ECK125137682\_yhbUp5\_forward\_3301437\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137686\_yhbXp6\_reverse\_3321651\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttcgttctgatatggatcagagttgaaaaacatgtctgatataaaattaaacattgttGataattgtttatattggttg

>ECK125137699\_yhcAp9\_forward\_3362094\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcatcgcaaacagtgcataacatatattaacaatatgtttctgcgttatttatcattattAcaggagttttaatttaaatg

>ECK125137696\_yhcCp6\_forward\_3354218\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatcaaaattaccgaaatttcatgcataatcacataaatcacttttgcttatcttgtgtCagatttttttatctcctgat

>ECK125137697\_yhcCp8\_forward\_3354235\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137702\_yhcFp4\_forward\_3366843\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137710\_yhcNp5\_forward\_3385406\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaactagaattaacgataaataaccgtatttttaattcttttttgttattaaaattcacAtttttaacacttagtatcaa

>ECK125137711\_yhcNp6\_forward\_3385481\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatcaactgaaacagttagcgcggtattaattagctcaataattagtgtatacttgatttTgtgatatgggtcacgaaaca

>ECK125137726\_yhdHp6\_forward\_3403446\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tctcgcaatttattgcgcttcatcggctttgcttttccattagcgagtatagtcttcagaAattattttccaatccatcat

>ECK120016965\_yhdTp\_forward\_3407351\_[TIM|S|Transcription initiation mapping]\_Strong

gattttccggccttttttattactggggatcgacaacccccataaggtacaatccccgctTtcttcacccatcagggacaa

>ECK120010574\_yhfAp\_reverse\_3485951\_[TIM|S|Transcription initiation mapping]\_Strong

gcacggtaatgtgacgtcctttgcatacatgcagtacatcaatgtattactgtagcatccTgactgttttagcatagcttt

>ECK125137749\_yhfLp4\_forward\_3499438\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taacgagcagtctgcttatattcatataatcaatgaatattaattaatatataatacataGggaatgtaaatgaacaaatt

>ECK125137750\_yhfLp5\_forward\_3499311\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137751\_yhfLp7\_forward\_3499413\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caattaaatattcctgtatcgttcttaacgagcagtctgcttatattcatataatcaatgAatattaattaatatataata

>ECK125137768\_yhgEp6\_reverse\_3532588\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtgtggaaaatgttctcaaaaggttaaatcttggtttatatggcgggaatattgtgagtgGaatcgcattcctgaatgaaa

>ECK125137769\_yhgEp7\_reverse\_3532485\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agtatcgattcaccacgctaactttttttgattattttctgaaaaaagcaaaatactactGcccggatgcgataattaacc

>ECK125137770\_yhgEp9\_reverse\_3532538\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgtgagtggaatcgcattcctgaatgaaattgatgcaaattcaaccggtaaagtatcgAttcaccacgctaactttttt

>ECK125137787\_yhhAp4\_forward\_3586919\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137814\_yhhIp6\_forward\_3624173\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatactcgggcaaatataaatttgcaaaaaatgcgaagataatgtttttaatattttgaAcaatatggcattgaatgata

>ECK125137798\_yhhMp4\_reverse\_3605634\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagtttagtggcgagggtggacggatgacaacaccataactggcagggtatgcttatttcCgcattttccgatgagggata

>ECK125137799\_yhhNp4\_forward\_3605575\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcagctttttcccgtcgctgttgcataaaacgaaacgatgcggcgacgacaattaagccAatgataacaataaagaaaag

>ECK125137800\_yhhNp6\_forward\_3605698\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataagcataccctgccagttatggtgttgtcatccgtccaccctcgccactaaactggaaGcaagaccgtaggcattccgc

>ECK125137802\_yhhQp5\_forward\_3609119\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggttaacgattgcgtgaaaattaaccattgcattgtcaacgtaaagcagtatcatgcggcGgctcgaaaaaagggtaagca

>ECK120015393\_yhhYp\_forward\_3581111\_[AIPP|W|Automated inference of promoter position]\_Weak

caacactttttgcaaaaaaatgcatttgactcgcatttgaaagtcaatgatgttgaaaggGacatttaccccaaagaggac

>ECK125137783\_yhhZp5\_forward\_3581758\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137784\_yhhZp7\_forward\_3581841\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttcctggagtaaataaataacaattaacaagcataatattgccattgataaaatagcatGccataaaaggacttttcagg

>ECK125137824\_yhiDp8\_reverse\_3656039\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggtggcgataccgttactttaaatgaaaccgatctcactcaaattcctaaagtgatcgAatactgtaagaaaaacccgc

>ECK125137816\_yhiJp6\_reverse\_3632595\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggtgtatgtcataagataaaatgttaactatgtattcctcgcggtaaataatatgaggtAaaatatgaaaattggaactg

>ECK125137817\_yhiMp9\_forward\_3634783\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accccgctatagttatgctatgcatttgtctttaatgatatctcgtcattatattaacagGatgaaattatcattaatgca

>ECK125137820\_yhiNp6\_reverse\_3637500\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttttttgatttgccccctgtatggatttcactcaaaaaataattatcttatataattcagGcaaatacttccttttagtaa

>ECK120030787\_yhjAp\_reverse\_3669261\_[TIM|S|Transcription initiation mapping]\_Strong

tcatgtaattgattgattcctatcaaaaagcgtatctccctgttttttatgatggctttgTctcgcagagacgtttgcagc

>ECK125137825\_yhjBp4\_reverse\_3672045\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccaatataaggaaatcctcaaaattgttttaaatagtgccctcgacatgtaatttcaggcGtttagctgtaactatttata

>ECK125137826\_yhjDp5\_forward\_3673330\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttatgcagtggctggctggcgtaatgaaagagtacctggactgaccgactatactttttaAgaatgaccacgacagaagga

>ECK125137827\_yhjEp8\_forward\_3674637\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccagttggtaacttttatttaacctgaaaccagttttatccactatttataaaattatgtGaagcatttcatagaagaaaa

>ECK125137828\_yhjEp9\_forward\_3674757\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgaccatttccgcgatttgttacacattgaaatatcacttttgctgtgcgtaatatggctAttcgttagccaaaaaataag

>ECK125137829\_yhjKp2\_reverse\_3685648\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gactggtaagttttcagatagcgcctctcttaatgccgctgcgatcgggtatactcgggcGgcaatctgggatttccgggg

>ECK125145772\_yhjXp\_reverse\_3712043\_[TIM|S|Transcription initiation mapping]\_Strong

gatggcatttcatgccgtttttccccaggcataaagtgcacttcgttatggttgtcggcaGagatttttcctttttattac

>ECK125137838\_yhjXp5\_reverse\_3712060\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcatttcattccgttctgatggcatttcatgccgtttttccccaggcataaagtgcacttCgttatggttgtcggcagaga

>ECK125137840\_yhjYp9\_reverse\_3712983\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgacgcatcggtgaaaaagtcaatatttaatacagggctactatgcccgatatccttcatAcaatgacaataatattgccg

>ECK125137853\_yiaBp5\_reverse\_3727767\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcatttgttaatggcatttttcagttttgtctttcgttggttactcgtaatgtatcgctGgtagatatggagatcgttat

>ECK125137854\_yiaBp6\_reverse\_3727827\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataattcacatctatatatctcagtaattaattaatatttagtatgaatttattctgaaaAtcatttgttaatggcatttt

>ECK125137845\_yiaDp3\_forward\_3716479\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtattgagcagttaaatattacttacaaatttccgagtattcccaggaataatcttcatGttcacgcggcataatctccc

>ECK120010706\_yiaJp\_reverse\_3742618\_[TIM|S|Transcription initiation mapping]\_Strong

aaacttgatttcaaatatatcgatcactttttaacaaggcaatctgattgatgaatttcaAaagacataaaaatcaattgg

>ECK125137857\_yiaTp3\_reverse\_3751962\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

actcccggtacttaagttgtaattttgtcatcgcaacagcccaattatatataattttatAtattactatataaatatgaa

>ECK125137858\_yiaTp4\_reverse\_3751875\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

accggagaaattgtaagcattattatgccgactcttttttatcttattttaaaatggaatAccggacatgttaattaatcg

>ECK125137860\_yiaTp8\_reverse\_3751905\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tatatattactatataaatatgaatcttgcaccggagaaattgtaagcattattatgccgActcttttttatcttatttta

>ECK125137863\_yiaUp11\_forward\_3751896\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaataacgccacaatattgcgattaattaacatgtccggtattccattttaaaataagatAaaaaagagtcggcataataa

>ECK125137862\_yiaUp9\_forward\_3751975\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatgcttacaatttctccggtgcaagattcatatttatatagtaatatataaaattatatAtaattgggctgttgcgatga

>ECK125137864\_yiaYp4\_reverse\_3757880\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atacaatgtgctttttattagattaattttgataatcaataatactgatcatattttcgaAtgaaaatcctcagtaagctg

>ECK125137865\_yiaYp6\_reverse\_3757928\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attaatacaaaattcttatgaatttaaaaaaagcacattgtttaatgaatacaatgtgctTtttattagattaattttgat

>ECK125137877\_yibBp8\_reverse\_3793729\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgatgtatgataaataacggaagcatttgaatggataatatacagtatacattctattaAtatttatgatataattcttt

>ECK120033027\_yibDp1\_reverse\_3790149\_[AIPP|W|Automated inference of promoter position]\_Weak

ctgctctcattatctctctaccctgaagtgactctctcacctgtaaaaataatatctcacAggcttaatagtttcttaata

>ECK125137871\_yibLp6\_forward\_3776597\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgaattgcgcagtttttgagcatgttaatgattacgttacagaactattacaatgtcattAgttgtgaacaaagcacctgg

>ECK125203417\_yibNp\_reverse\_3785195\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acaacctcatactcaagagtcaaaatttgcgtaattttactacagctgaatcgataaaatAgcctctgaagatcaaaatat

>ECK125137875\_yibNp7\_reverse\_3785056\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaattgcattccagttaacgcgctggctgtatttgccgcaccgcgcaggtatactcctttCctggtttttttaatcactac

>ECK125137869\_yibTp5\_reverse\_3776420\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaggattcagcacgttttccttaatgtcatctttaccgggaacctaaactaaaattggcgGccgcgcattcccggcgcggg

>ECK125137896\_yicOp10\_reverse\_3843921\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttaatagaattattcatatttttctcattttgattttatcaatttgattattatttatcAtaaagaaacgtcgcgagatt

>ECK125137901\_yidEp6\_reverse\_3866390\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgccattctggtggggctttttttgtcttacttactcaacaatgcgttaaatttcgactGtttaagatatttcggcacgt

>ECK125137902\_yidRp2\_reverse\_3869412\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137906\_yieHp6\_forward\_3896762\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137909\_yieKp3\_reverse\_3899399\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggatgtctggcgaccagcctatgcagcctttgtacagaaattatttaaataaaataaggcAttaagatgaaattaatcatt

>ECK125137919\_yifBp8\_reverse\_3950027\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cgccagaacaactcaacttcacttgcacaaataaacaggaatcagccactaaaattcacgAattagcgggctacagcagcg

>ECK120048896\_yifLp\_forward\_3994492\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

acttcataaagagtcgctaaacgcttgcttttacgtcttctcctgcgatgatagaaagcaGaaagcgatgaactttacagg

>ECK125137922\_yigFp4\_reverse\_4002875\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcatcacaatgatagccgaagattttgcctgttcaggcaatggttcgatgatttttttgAtttgttatttttccactttc

>ECK125137923\_yigFp5\_reverse\_4002842\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcaggcaatggttcgatgatttttttgatttgttatttttccactttcagtatgctaatgCttgcacctactgattcatca

>ECK125137944\_yihFp6\_forward\_4044131\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaatattcacgggctttttttattatttaataaatataaatacattctgataatgcatccTgccgctggacattatttcag

>ECK125109810\_yihIp\_forward\_4051308\_[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

aaggcgacagagtaatctgtcgccttttttctttgcttgctttctgttagattccgccgcAaatctatactgaataaaacg

>ECK125137950\_yihLp4\_forward\_4060419\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tatctgcaaagtcatacgccgttaattgctttcttttttggcgtaagcgtaagatgcttcAtctggtttaaaccaaaagga

>ECK125137956\_yihQp6\_reverse\_4069433\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137957\_yihQp8\_reverse\_4069363\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcaacattatgtatcttcaatttattaagttaaaaacagctcagcttctgtaaagtttttAtatatcagttttatgagaat

>ECK125137958\_yihVp3\_forward\_4073661\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137959\_yihVp4\_forward\_4073712\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137961\_yiiEp5\_forward\_4079180\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137962\_yiiEp7\_forward\_4079096\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgtttttcggctacaccattcagattatgcaaataaatatctctgaatataatatattcAtagcacccataattcatcct

>ECK125137963\_yiiFp7\_forward\_4079597\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaacagatgcccttattctggtattaatacaaggctgttttacttgaacttataataactGcaactgttacatcatatctg

>ECK125137964\_yiiFp8\_forward\_4079562\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aggaatgacaaaaatttttcattcttgaatataaaaaacagatgcccttattctggtattAatacaaggctgttttacttg

>ECK125137966\_yiiGp7\_forward\_4086886\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

catccgcagcgtttgagcaattaattaaaataagtcctgcgaaatatattaaattgcaggActtattcatttcgtgaattt

>ECK125137969\_yiiMp4\_forward\_4102784\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctattgagttcctgcctggatacttaccgcgaaaacagcacgcctgacataaaataaatAtggtctaatggggaaatttc

>ECK125137970\_yiiMp5\_forward\_4102753\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acagccggatgaactaacgttcgtccggtttgctattgagttcctgcctggatacttaccGcgaaaacagcacgcctgaca

>ECK125137974\_yiiQp4\_reverse\_4112312\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaaatcacggcgtccaatacgccctttaaatgagaataaccattgctgtatggtcatgtAagttccttgatggttgtctt

>ECK125137978\_yijFp5\_reverse\_4137864\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caaactcccggcttgtccgggagtttgaacgcaaaattgcctgatgcgctacgcttatcaGgcctacgcaatctctgcaat

>ECK125137984\_yijPp9\_reverse\_4150311\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

caatatatttctgtctgcattttattcaaattctgaatataccttcagatatccttaaggAattgtcgttacattcggcga

>ECK120010063\_yjaBp\_reverse\_4214156\_[AIPP|W|Automated inference of promoter position]\_Weak

aaaatttgccaatgtcgagcctgcatgttgaaggtgagaaagtttcaaggaaaagactacGttagaatataagaatgacta

>ECK120029972\_yjbEp1\_forward\_4235858\_[TIM|S|Transcription initiation mapping]\_Strong

catcgctaattccccgcgccgtaattcgcatgctttagttgtgtatactcgatcccgcccGaaatgtttttgggtaaatct

>ECK125138001\_yjbLp5\_forward\_4260159\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgttttgtaggtaaggtgttatgttgccttgtcgtaccattatcaacacgataataattaAtaattcatttttaaataaat

>ECK125138004\_yjcDp5\_forward\_4278466\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataacgtttcgctggcaggggattgtccgccacgcatcttgacgaaaattaaactctcagGggatgttttcttatgtctac

>ECK125138005\_yjcDp6\_forward\_4278318\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagagaaaaaagcagcaaacttcggttgaaaaagccgctatgatcgccggataatcgtttGctttttttaccacccgtttt

>ECK125138009\_yjcFp6\_reverse\_4283106\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctcattaaaaaatgagcgatttttgacagtcgtagaaaatgataatgcagagaatatgccTtttctttcttgttaattata

>ECK125138013\_yjcOp2\_reverse\_4297151\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138024\_yjdKp3\_forward\_4352390\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gcgggagtatgatgatattcgcagttgatgggagagtacagagtcacgatatttttcattCtctccgcgatgtgatgcagg

>ECK125138025\_yjdLp1\_reverse\_4356462\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138026\_yjdLp2\_reverse\_4356413\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138027\_yjdLp3\_reverse\_4356517\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatcggcgctcactatccgggctttgaaaccgatattcacggtgcataccgtcaggctGatggccgctataccgttaag

>ECK125138021\_yjdMp5\_reverse\_4326836\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagattattttctttttgcgtttcctttcaaatgaaaacgatcgtcgtctaaaatcagcaGtacccccgacaaactcaggg

>ECK120010774\_yjeFp1\_forward\_4393677\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

tttcagctaacgggcgctcgagaataggcgcagaatcgacaaacggtctaaaattcagcgAaacacaatgttgctgaatca

>ECK120010775\_yjeFp2\_forward\_4393937\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cgagcgcgcagcataccgtgacgtgccatccagtccatttcgccgtggtattgtttgtccAgccatgcttgcagtttgggc

>ECK120010776\_yjeFp3\_forward\_4394035\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[HTTIM|S|High-throughput transcription initiation mapping]\_Strong

ggtatcggtaatacctacctgctgaaagcccagttccagcccccactgtttaattttttgCgctaactgattgagatcgag

>ECK125138029\_yjeJp6\_reverse\_4374403\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

taaactgggaagtttaatctttgcccgttgcataacctttaattattcatatgcattgctGttgttactttttatatagct

>ECK120049216\_yjeVp\_forward\_4392736\_[TIM|S|Transcription initiation mapping]\_Strong

aatatccacagcgacgcgatgcgttattgctggtttttgttgtctctgacaaactcttgtAaacagagttatccacagcct

>ECK125138040\_yjfYp2\_reverse\_4424828\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatggtcaccatcaacttctttatcattgattaaaattaaatcagaagatcatcacagAggagagcacacaaagtcagc

>ECK125138042\_yjfZp8\_reverse\_4427517\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gttatatccataatgagcgatttttgatattaatatctttcaccatccgctattttcaccActtcagaaaacaaacttatt

>ECK125138055\_yjgAp8\_reverse\_4458015\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggcaacttccgcaccgtccgatttgcctgaggccaactccagcgcagtggaaactgcttcTtccagaatcttgcgctgcgc

>ECK125138069\_yjgBp5\_reverse\_4496266\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctaagtgctgaaattttcagcattgcatacagcgatgtgtaacctttgtcacactccagGcaccccgccctgccatgctc

>ECK125138061\_yjgLp2\_forward\_4475401\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttacggcgagtttgtgaaaagagcgttttttgatatttttttgtgagtaaaatttgtaAtgcttagacgttcttattca

>ECK125138062\_yjgMp10\_reverse\_4479671\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataaaaattccctgaattaaaaaatccattgatataacttatatatacagacagtaaaatGttctgccacgttacaatact

>ECK125138063\_yjgNp3\_forward\_4479686\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttttgccagcctattactgataagagtattgtaacgtggcagaacattttactgtctgtAtatataagttatatcaatgg

>ECK125138064\_yjgNp6\_forward\_4479566\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attacaggtgattgcggcgcaatgttattcatagtttaacccaataaaaataaagtaattAtacatttgtttaataccact

>ECK125138065\_yjgNp7\_forward\_4479664\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138068\_yjgRp3\_reverse\_4490085\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138076\_yjhBp4\_forward\_4504005\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ataacaatcaatagtactggcgtatttgaagacaatataattatttctggatattgttgaGgctccctaatatttacttta

>ECK125138088\_yjhGp3\_reverse\_4524140\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagacatattgcttaccaccgattcttgaagcatctgaagaagcaaaagataaagtccacGtgctgcttaccgcgcagggc

>ECK125138087\_yjhUp9\_reverse\_4520401\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138094\_yjiKp6\_reverse\_4563635\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138099\_yjiSp3\_forward\_4571705\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgctgttttaacctgtctgtatgttaaataaaagtaatatttgaatctgtattgtgaactGccagaaggtggatgatgaag

>ECK125138113\_yjjAp8\_reverse\_4600210\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138119\_yjjJp2\_forward\_4621657\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gagtaattgtgtttcgctgcaaggcgattgccttgtgaagccggagcgggagactgctccGgctttttagtatctattcat

>ECK125138120\_yjjJp4\_forward\_4621716\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggctttttagtatctattcatttttctctccagcttgaatattttcgctatacttttcaGtgaaatgtgttaataaatct

>ECK125138106\_yjjLp5\_reverse\_4594737\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aacctgccgttaatgtcaaccttgcgtaatgcacaattacgtaaacaattaaaattataaAtacaggagtccggcgtggaa

>ECK120034380\_yjjQp\_forward\_4603319\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

gatattttaaatgtctccaggctatttcaccaggttatcatttgatgctaaccttctgacAcatgcagtggagttgttgtg

>ECK125138124\_yjjXp5\_reverse\_4633773\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

gcgtttcaccgtggcggactaggtatacctgtaacatgctttttttccgtatactgctgtAacgttaattttctgagtaat

>ECK125138126\_yjjYp6\_forward\_4640358\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtctgcatgtttgctacctaaattgccaactaaatcgaaacaggaagtacaaaagtcccTgacctgcctgatgcatgctg

>ECK125138127\_yjtDp6\_forward\_4640898\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136448\_ykgBp10\_reverse\_318334\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ctggaaagtcacatcgatgcgaattgataataattcaaccgcaacagcagtattgtataaAtaaggatgttcacaatggaa

>ECK125136445\_ykgBp4\_reverse\_318397\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agcatcaccgacagttctggaggataccattgctgatatagccagaaaatataatgcttcAtcctggaaagtcacatcgat

>ECK125136446\_ykgBp7\_reverse\_318484\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgcaacactattatctggcgttatggcattttccaccaatgcagatgataaaataattctGaaacatatcagcgtctcgtc

>ECK125136447\_ykgBp9\_reverse\_318525\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcattgatggtattttatatgtttaaaaaatctgttttatttgcaacactattatctggcGttatggcattttccaccaat

>ECK125136450\_ykgCp4\_reverse\_320170\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccatatcagactcctgagtggtttttgattacaaacaccaacaatcttagtaaataactaAtctaataccatcaaatagtt

>ECK125136452\_ykgDp2\_forward\_320193\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136453\_ykgDp3\_forward\_320116\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136454\_ykgEp7\_forward\_321511\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136455\_ykgEp8\_forward\_321484\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gccgaaagaaataaaattagttattgcatttgacgtttggatgaaagattatcatttgtcAtacaaatgaggggtggtatg

>ECK120034388\_ykgMp\_reverse\_312805\_[AIPP|W|Automated inference of promoter position]\_Weak

ccacaaagagtcacagggattgagtgttgaaatgatccggatgagcatgtatctttatggTtatgttataacataacaggt

>ECK125095433\_ykgRp\_reverse\_313285\_[TIM|S|Transcription initiation mapping]\_Strong

ctattcaaatttgtgatacatgtcaaaaaattggttgaccaaactcgttatttatataagGgcacttacgaagtgcactct

>ECK125136657\_yliEp6\_forward\_872969\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaagccgcagcaagggacaatttttgcagcggcacagcgttcagatagttattttgttaaAtgtattaacatgctgagttt

>ECK125136719\_ymcEp3\_forward\_1051830\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttgggcgctaagtgtattttttgtaaatcgacgatgatcacctttgataacgtcgcgctGcaaatacgcactgaccatgc

>ECK125136735\_ymdAp5\_forward\_1105225\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cccattgctttgacgaagttgagtttaaatatttccccggacgatcgggtgaaaatagttGttactgtttctgatggacag

>ECK125136736\_ymdAp7\_forward\_1105330\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccgccctcttcagaaaagtcttaatttgttgaaatatcgagcataagatgaatctggagaGaatggtctgctgcgaatcag

>ECK125136738\_ymdBp3\_forward\_1105714\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136778\_ymfDp5\_reverse\_1197625\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136779\_ymfDp6\_reverse\_1197589\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ttctcagtgagtggtattatctttgctttgacagttaagcccagaactgaaagtcaagtcGgaaaaatcccggacgataaa

>ECK125136780\_ymfDp7\_reverse\_1197661\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136788\_ymfJp10\_reverse\_1202184\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

cctgcttcggcaggtttttttatacttgacaatgtacctttgagatacataatgtacccaAgagaaacaacaaacaggcag

>ECK125136785\_ymfJp6\_reverse\_1202213\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaatcaaagcctaatcaatgtttatgaacctgcttcggcaggtttttttatacttgacaAtgtacctttgagatacataa

>ECK125136808\_ymgFp10\_forward\_1218953\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gctaattagctcgttgcctcttgttactattgttcattattttgtttgctataattgtttGaaagttttgacaggattgcc

>ECK125203422\_ymiAp\_forward\_1335090\_[TIM|S|Transcription initiation mapping]\_Strong

actggagacgattcgtaaattcgctggatttttgactaaagtttctttaggatttgtctcAtcgtatgattaattacacca

>ECK125136858\_ymiAp7\_forward\_1335056\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatatctatttcaggtcaaaagattgaattattcactggagacgattcgtaaattcgctgGatttttgactaaagtttctt

>ECK125136903\_ynaKp10\_forward\_1425219\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atgtgcatagctatgattcttggtcgccttgaaatttatcctgttattatattgttttcaGgttttttttggcgctcctaa

>ECK125136900\_ynaKp4\_forward\_1425313\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136901\_ynaKp6\_forward\_1425249\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatttatcctgttattatattgttttcaggttttttttggcgctcctaatatatggctGatttataattgtgagtttaa

>ECK125136914\_ynbAp5\_forward\_1477471\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

acgggaacaagcgatgagaaaacttgatgagttgtattgatccacaacgtaatgttttttAactatctgattaattgggga

>ECK125136946\_yncLp4\_reverse\_1517246\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agaaaaaatcatcaaacagcaacttgcccttatccatcttcagaatgagtattattgcggAttttcttaacccgtactata

>ECK125136977\_yneEp7\_reverse\_1609140\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaccgggtttcttatttcaccatattagttacaacatcctatatgcctttatcattaacaGgtgccacatgcagcgcctgc

>ECK125136980\_yneJp5\_forward\_1614780\_[ICWHO|W|Inferred computationally without human oversight],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

tgagtcatggtatgaagatacgcagatttactcttgctttaaaatgaataatattaagccActtattcacgaatcgagaat

>ECK125136982\_yneKp5\_forward\_1615731\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagggatatcaatgagctatttttgatagttcttgcggttaatatgctctatatagtgatGttccgatgacttatgactat

>ECK125108720\_yneMp\_forward\_1622588\_[TIM|S|Transcription initiation mapping]\_Strong

gaacacaataaagatttaattcagccttcgtttaggttacctctgctaatatctttctcaTtgagatgaaaattaaggtaa

>ECK125137004\_ynfAp5\_reverse\_1655690\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaacgtaccaggagggtgtttatattgatgatattatgtcgccctataactatacatgatGtcaataagagacaaagatga

>ECK120010974\_ynfEp\_forward\_1658003\_[FP|S|Footprinting],[AIPP|W|Automated inference of promoter position]\_Strong

tcatacccttctattgatatggattaataattcttaacccaaaatgggtagactccctctAttgttagcgcgctaaatatt

>ECK125137008\_ynfKp5\_reverse\_1667240\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggccaggaaagcataacttagactttcaaggttaattattttcctggtttatatttgtgaAgcataacggtggagttagtg

>ECK125137009\_ynfKp6\_reverse\_1667335\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaaagacgcgatgtataacggttctttgttgattcgtctgttgcagggttaacattttttAactgttctaccaaaatttgc

>ECK125137010\_ynfLp6\_reverse\_1669652\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtagtacggctcacttgaaatccttgctaaatatgcctgtagatcaggcttatacataggGtaggaaaatcgaattgttct

>ECK125137011\_ynfMp4\_forward\_1669630\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

agatgacgaagttcaatattcatatttaaaacatcttatttgagattattaatatattagAcagaacaattcgattttcct

>ECK125136994\_ynfNp5\_reverse\_1638197\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaaatgaaggctccttcgggagcttttttgcttggtgtctattcgatggatactcacatActacggtaacatcatgaaaa

>ECK125136995\_ynfNp6\_reverse\_1638299\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137068\_yniAp5\_forward\_1807775\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtggtgtgcgttagctcgtgtttttacaccgcattcttgcgctaaccttatgatctggcAgacaacatgggagagacatc

>ECK125137082\_ynjIp4\_reverse\_1844902\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gaaatatccagcggatcaagaaaattcgttggatattttttttgcatggataaaattatcGcctctaaagtatgtaataac

>ECK125137108\_yoaBp4\_forward\_1893359\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ggtgacggcgacctcacattgtggcagtctttgcagcacgaaaatggaagtataatgaggAcaaaatgatgactatcgttc

>ECK125137110\_yoaCp6\_reverse\_1894100\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

ccagggctttatctattacagcaggcatattcttatccttaaaattaaccatgttatcgaTaaggctatatatgaccttaa

>ECK120034389\_yoaEp\_reverse\_1901772\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ttcgtttgcaaaggaaggtaaatctttgccaaatcagaggcgtctctgatatgtttaactCccgtttaacaaccatggagt

>ECK125137100\_yoaFp10\_reverse\_1877722\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137135\_yobBp5\_forward\_1925364\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tgtcacgtttaccttacgagcccaaacttaaataaaacttatacagagttacactttcttAcataacgcctgctaaattat

>ECK125095434\_yobFp1\_reverse\_1907793\_[TIM|S|Transcription initiation mapping]\_Strong

atgtaataacttctcccactggcctggaacaactgaacttattgaactatgttagaaaatAcgccagtttaagtatctgcc

>ECK125137117\_yobHp4\_forward\_1908900\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137175\_yodCp6\_reverse\_2028504\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137258\_yohJp4\_forward\_2230493\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137250\_yohOp6\_forward\_2215586\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120048893\_yojIp\_reverse\_2308641\_[HIPP|W|Human inference of promoter position]\_Weak

aaaaagaataaaaataagaattattattgctgtgcgcgcgaagatgtttaaactgcgggcTgtaattcattgtccgggttt

>ECK125137390\_ypfGp3\_reverse\_2582893\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aagacggtgttattgcttaactatttgcaaacgtcacatttaatggactgaaaaataacaAtaatatttcgttgtttatta

>ECK125137442\_ypjDp5\_forward\_2747930\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aaggcgtctttgttgttatgcaacggttggagcagcgttcacctgacgctatactgcttcTctttcttattgctcaaactg

>ECK125137489\_yqcAp5\_reverse\_2923050\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cacctggatgcaggcgttatcacaatttggctggcgcggtctgcttcctgaaaatgaaagGgttgagttcagtgcgccatc

>ECK125137483\_yqcEp6\_forward\_2900472\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cagtgtgatattcgtattgtcaaataattttaaaaagcagaagcgtgattactctcacacAacacctctgctttccatgtt

>ECK125137535\_yqeCp7\_reverse\_3015167\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

atcattttccattgccccattcttgatgataatccggcagcggtaattatacagtcgatgGctgacatagtggttccatta

>ECK125137514\_yqeHp4\_forward\_2987513\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137517\_yqeIp5\_forward\_2988436\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137522\_yqeKp11\_reverse\_2990368\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137544\_yqfAp9\_reverse\_3043256\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tttaaattgaactcacgcctgttagttgaaatttcgcatttaatttcatgatttttaggaGattagtctcaaatcagaatt

>ECK125137588\_yqhAp8\_reverse\_3149498\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

gtttaacgtatatgttgatttgctgttgcgtgctgtttactcaattgcgatatactgttgCccgttttaactacacgacag

>ECK125109861\_yqhDp\_forward\_3155302\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137615\_yqiJp7\_forward\_3192054\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

tcagtattccccaatcagtgtagtgcctttaaacataacgtgcgtaaatatattgtccccGatcacactttttagtgaaaa

>ECK120029867\_yqjAp1\_forward\_3247548\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

taaagtgtcagcctgtgtaaatcctctcgccaccctcccctgcattcagcaaaatcagacTccacggacatgtaattttga

>ECK125137643\_yqjFp2\_forward\_3250466\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137646\_yqjGp2\_forward\_3250974\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125134706\_yqjHp\_reverse\_3216538\_[IHBCE|W|Inferred by a human based on computational evidence],[HIPP|W|Human inference of promoter position]\_Weak

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>ECK125137671\_yraHp10\_forward\_3287362\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137672\_yraHp11\_forward\_3287278\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137666\_yraHp5\_forward\_3287405\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137676\_yraQp3\_reverse\_3298174\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137679\_yraRp6\_reverse\_3298923\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120030204\_yrbGp\_forward\_3340211\_[TIM|S|Transcription initiation mapping]\_Strong

cgtggttagcgaaagctggcatttgttttactttttagccgcataaagtcaaaattaagcAtccgttacggctttctgaaa

>ECK120051397\_yrbNp\_reverse\_3308086\_[TIM|S|Transcription initiation mapping]\_Strong

cggttgccaacaacgttcataactttgttgagcaccgatacgcattgttggaattatcgcTcctgggccaggaccaagatg

>ECK125137763\_yrfFp10\_forward\_3526425\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137764\_yrfFp11\_forward\_3526319\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137785\_yrhBp7\_forward\_3584734\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138043\_ytfFp5\_reverse\_4433148\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138045\_ytfHp5\_forward\_4434082\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138049\_ytfIp10\_forward\_4437671\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138048\_ytfIp9\_forward\_4437702\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125138051\_ytfLp3\_reverse\_4441321\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125137546\_zapAp3\_forward\_3055551\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK120015956\_zinTp\_forward\_2041346\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137378\_zipAp9\_reverse\_2531407\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

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>ECK125136617\_zitBp1\_reverse\_784848\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

cggagtctctcccttttaatttttcacttctaaaagcagtatgatgtcataaagttaagtGagaataattaagggatgact

>ECK120010036\_zntAp\_forward\_3606422\_[HIPP|W|Human inference of promoter position],[TIM|S|Transcription initiation mapping],[RS-EPT-CBR|S|RNA-seq using two enrichment strategies for primary transcripts and consistent biological replicates]\_Strong

ctcgctgtatctctgataaaacttgactctggagtcgactccagagtgtatccttcggttAatgagaaaaaacttaaccgg

>ECK125137741\_zntRp2\_reverse\_3439168\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

attgaagctgcgacaagctggattgagtaccgattttttacgcggcgattatgctgacaaGttgttggacaaaatcaacga

>ECK120010035\_znuCp\_forward\_1942634\_[TIM|S|Transcription initiation mapping]\_Strong

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>ECK125137999\_zurp6\_reverse\_4260141\_[ICWHO|W|Inferred computationally without human oversight]\_Weak

aatagcgagttaacttgaagcaatttatttaaaaatgaattattaattattatcgtgttgAtaatggtacgacaaggcaac

>ECK120010259\_zwfp\_reverse\_1936376\_[TIM|S|Transcription initiation mapping]\_Strong

tcgcacgggtggataagcgtttacagttttcgcaagctcgtaaaagcagtacagtgcaccGtaagaaaattacaagtatac

1. List of 2,860 samples in $S^{-}$

>Escherichia coli K-12 reverse 3292866\_3292947

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>Escherichia coli K-12 reverse 2846911\_2846992

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>Escherichia coli K-12 2486131\_2486212

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>Escherichia coli K-12 reverse 4517935\_4518016

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>Escherichia coli K-12 reverse 1102832\_1102913

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>Escherichia coli K-12 reverse 2027131\_2027212

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>Escherichia coli K-12 4048320\_4048401

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>Escherichia coli K-12 2748318\_2748399

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>Escherichia coli K-12 reverse 4206698\_4206779

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>Escherichia coli K-12 reverse 1970144\_1970225

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>Escherichia coli K-12 679822\_679903

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>Escherichia coli K-12 3155897\_3155978

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>Escherichia coli K-12 1602218\_1602299

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>Escherichia coli K-12 1424471\_1424552

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>Escherichia coli K-12 reverse 2557959\_2558040

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>Escherichia coli K-12 1286757\_1286838

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>Escherichia coli K-12 reverse 3369873\_3369954

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>Escherichia coli K-12 reverse 3374054\_3374135

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>Escherichia coli K-12 reverse 2130230\_2130311

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>Escherichia coli K-12 2024240\_2024321

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>Escherichia coli K-12 3740292\_3740373

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>Escherichia coli K-12 905289\_905370

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>Escherichia coli K-12 1463975\_1464056

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>Escherichia coli K-12 reverse 64565\_64646

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>Escherichia coli K-12 reverse 3644122\_3644203

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>Escherichia coli K-12 2538077\_2538158

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>Escherichia coli K-12 reverse 2896126\_2896207

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>Escherichia coli K-12 reverse 4117628\_4117709

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>Escherichia coli K-12 reverse 4441818\_4441899

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>Escherichia coli K-12 251386\_251467

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>Escherichia coli K-12 892379\_892460

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>Escherichia coli K-12 1448229\_1448310

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>Escherichia coli K-12 1211589\_1211670

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>Escherichia coli K-12 2925733\_2925814

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>Escherichia coli K-12 2478476\_2478557

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>Escherichia coli K-12 reverse 4345204\_4345285

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>Escherichia coli K-12 2752586\_2752667

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>Escherichia coli K-12 reverse 333928\_334009

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>Escherichia coli K-12 658385\_658466

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>Escherichia coli K-12 reverse 2954193\_2954274

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>Escherichia coli K-12 reverse 1191262\_1191343

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>Escherichia coli K-12 4075022\_4075103

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>Escherichia coli K-12 2789434\_2789515

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>Escherichia coli K-12 1465074\_1465155

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>Escherichia coli K-12 reverse 2618386\_2618467

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>Escherichia coli K-12 2210061\_2210142

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>Escherichia coli K-12 reverse 1114838\_1114919

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>Escherichia coli K-12 3932211\_3932292

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>Escherichia coli K-12 1179956\_1180037

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>Escherichia coli K-12 reverse 518705\_518786

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>Escherichia coli K-12 4161408\_4161489

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>Escherichia coli K-12 reverse 3833339\_3833420

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>Escherichia coli K-12 reverse 4590165\_4590246

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>Escherichia coli K-12 4344820\_4344901

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>Escherichia coli K-12 3504378\_3504459

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>Escherichia coli K-12 1327250\_1327331

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>Escherichia coli K-12 1408502\_1408583

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>Escherichia coli K-12 3279515\_3279596

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>Escherichia coli K-12 3465842\_3465923

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>Escherichia coli K-12 1010878\_1010959

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>Escherichia coli K-12 reverse 4339348\_4339429

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>Escherichia coli K-12 3746548\_3746629

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>Escherichia coli K-12 reverse 3898993\_3899074

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>Escherichia coli K-12 reverse 1944812\_1944893

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>Escherichia coli K-12 3967007\_3967088

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>Escherichia coli K-12 reverse 1752740\_1752821

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>Escherichia coli K-12 reverse 130294\_130375

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>Escherichia coli K-12 3406552\_3406633

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>Escherichia coli K-12 3483674\_3483755

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>Escherichia coli K-12 reverse 3377062\_3377143

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>Escherichia coli K-12 reverse 3535153\_3535234

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>Escherichia coli K-12 reverse 4174512\_4174593

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>Escherichia coli K-12 4494865\_4494946

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>Escherichia coli K-12 reverse 2262891\_2262972

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>Escherichia coli K-12 1479977\_1480058

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>Escherichia coli K-12 138695\_138776

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>Escherichia coli K-12 2894444\_2894525

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>Escherichia coli K-12 reverse 4081503\_4081584

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>Escherichia coli K-12 reverse 1559423\_1559504

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