>DM_train1
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FPLQPQQPFPQQPQQPFPQPQLPFPQQSEQIIPQQLQQPFPLQPQQPFPQQPQQPFPQPQQPIPV
QPQQSFPQQSQQSQQPFAQPQQLFPELQQPIPQQPQQPFPLQPQQPFPQQPQQPFPQQPQQSF
PQQPQQPYPQQQPYGSSLTSIGGQ
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>DM_train2
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VDTGRQHSSGGYDGDTNKHHGTTGGYNDDTNRHHGTTGVYGIDTDRQQHGTTGGYAGDTGRQ
HGNIGGPYYGTNTADTGTGPRSGTTGGTGYGGTGGTDYGTTGGTGYGSGTGYGVNTGGAHTEAGY
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>DM_train3
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GASSAAAGAAGAAAGGDAAEEEKEEEAKEESDDDMGFGLFD
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>DM_train4
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>DM_train5
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TYSDTKENGINGELTSADRETAEEVSARIVQVVTAEAVAVLKGEQEKEAQHKDQPAALPLAAEETVNL
PPSPPPSPASEQTAALEEDLLTASKMEFPEQQKLPSSFAEPLDKEETEFKMQSKPGEDFEHAALVPQPD
TSKTPQDKKDPQDMEGEKSPASPFAQTFGTNLEDIKQITEPSITVPSIGLSAEPLAPKDQKDWFIEMPV
ESKKDEWGLAAPISPGPLTPMREKDVLEDIPRWEGKQFDSPMPSPFHGGSFTLPLDTVKDERVTEGSQ
PFAPVFFQSDDKMSLQDTSGSATSKESSKDEEPQKDKADKVADVPVSEATTVLGDVHSPAVEGFVGE
NISGEEKGTTDQEKKETSTPSVQEPTLTETEPQTKLEETSKVSIEETVAKEEESLKLKDDKAGVIQTSTEQS
FSKEDQKGQEQTIEALKQDSFPISLEQAVTDAAMATKTLEKVTSEPEAVSEKREIQGLFEEDIADKSKLE
GAGSATVAEVEMPFYEDKSGMSKYFETSALKEDVTRSTGLGSDYYELSDSRGNAQESLDTVSPKNQQ
DEKELLAKASQPSPPAHEAGYSTLAQSYTSDHPSELPEEPSSPQERMFTIDPKVYGEKRDLHSKNKDDL
TLSRSLGLGGRSAIEQRSMSINLPMSCLDSIALGFNFGRGHDLSPLASDILTNTSGSMDEGDDYLPPTT
PAVEKIPCFPIESKEEEDKTEQAKVTGGQTTQVETSSESPFPAKEYYKNGTVMAPDLPEMLDLAGTRSR
LASVSADAEVARRKSVPSEAVVAESSTGLPPVADDSQPVKPDSQLEDMGYCVFNKYTVPLPSPVQDS
ENLSGESGSFYEGTDDKVRRDLATDLSLIEVKLAAAGRVKDEFTAEKEASPPSSADKSGLSREFDQDRK

ANDKLDTVLEKSEEHVDSKEHAKESEEVGDKVELFGLGVTYEQTSAKELITTKETAPERAEKGLSSVPEV
AEVETTTKADQGLDVAAKKDDQSPLDIKVSDFGQMASGMSVDAGKTIELKFEVDQQLTLSSEAPQET
DSFMGIESSHVKDGAKVSETEVKEKVAKPDLVHQEAVDKEESYESSGEHESLTMESLKPDEGKKETSPE
TSLIQDEVALKLSVEIPCPPPVSEADSSIDEKAEVQMEFIQLPKEESTETPDIPAIPSDVTQPQPEAVVSEP
AEVRGEEEEIEAEGEYDKLLFRSDTLQITDLLVPGSREEFVETCPGEHKGVVESVVTIEDDFITVVQTTTD
EGELGSHSVRFAAPVQPEEERRPYPHDEELEVLMAAEAQAEPKDGSPDAPATPEKEEVPFSEYKTETY
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TPERREVAKKEPSTVSRDEVRRKKAVYKKAELAKESEVQAHSPSRKLILKPAIKYTRPTHLSCVKRKTTAT
SGESAQAPSAFKQAKDKVTDGITKSPEKRSSLPRPSSILPPRRGVSGDREENSFSLNSSISSARRTTRSEPI
RRAGKSGTSTPTTPGSTAITPGTPPSYSSRTPGTPGTPSYPRTPGTPKSGILVPSEKKVAIIRTPPKSPATP
KQLRLINQPLPDLKNVKSKIGSTDNIKYQPKGGQVRILNKKMDFSKVQSRCGSKDNIKHSAGGGNVQ
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>DM_train6
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YGTGELERDEDEGEEGEVEEGDKENTFEVSLLATSESEIDEDFFSDIDNDKKIVTFDWDSGLLEVEKKTKS
GDEMQTLPETTGKGALMFARRRQRMDQITAEQEEMKARTAHAEEQREVTVSENFQKVSSSAYQTKE
EEMLRQQPCISKSYADVSQNDGKIVQQNGFGVAPDTSLSFQSSEAQKAASLNRTAKPFPFGVQNRA

AAPFSPTRNVTSPLSDLPAPPPYCSISPPPEALYRPLSAPAASKAAPILWSHTEPTERIASRDERIAVPAK
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QSQASKQKAPPPTAPKPSLKVSPAAGTPVSPVWSPAVASNKAPSFPAPASPQAAYPAPLKSPQYPHS
PSANPPNTLNLSGPFKGPQATLASPNHPAKTPTTPSAGETKPFEMPPEMRGKGAQLFARRHSRMEKY
VVDSETVQANMARASSPTPSLPASWKYSSNVRAPPPVAYNPIHSPSYPPAATKPFPKSTAATKNTKRK
PKKGLNALDIMKHQPYQLDASLFTFQPPSNKESLGIKQIPKLPTSKQATSLRLPGSASPTNVRASSVYS
VPAYSSQPSFQSNASTPVNESYTPTGYSAFSKPESTTSSLFTAPRPKFSAKKAGVIAQERSSGRSLSLPG
KPSFISRATSPTSPLIFQPAPDYFSKPDTAADKPGKRLTPWEAAAKSPLGLVDEAFRPQNMQESIAANV
VSAAHRKTLPEPPDEWKQKVSYEPPGPSASLALLGGKQPGVTSARKSSLSVSNATTQAGSQQQYAY
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>DM_train7
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PQDELEDLNASPLDANANEATAGSNRGSSGTQDLGNGAESNSMQDPYAIENDDYRYDDDPYARF
QANKSNGRGSVNAAPYGDYGGGYNGTSLNSYNNDGPYSNQNTSNSWVNANGRNSLNHSNSTL
NVGPSRQTRQPPVSTSTNSLSLDQRSPLANPMQEKRNPYADMNSYGGAYDSNTNRSSGTRQGSSK
NANPYASMANDSYSNGNLNRSANPYSSRSVRQPQSQQAPMTYTPSFIASDEAARNSEVDLNEEPR
TGEFDFEEVYADKSAENRAALDEPDLNAVMTNEDSIDLNASEVDHSSRQQQQQQWFMDEQQQQ
QQHFNATNNQYGDQRGYKTFEEIQKEEEARQQQEEDEAVDEIKQEIKFTKQSSVASTRNTLKMAQD
AERAGMNTLGMLGHQSEQLNNVEGNLDLMKVQNKVADEKVAELKKLNRSILAVHVSNPFNSKRRR
REREEQLKNRKIEEKLMREQTSQQLSQSTQRIEGAMNANNNISEVRERYQRKNVLEKAKRYQFENDE
EDDEMELEIDRNLDQIQQVSNRLKKMALTTGKELDSQQKRLNNIEESTDDLDINLHMNTNRLAGIR
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>DM_train8

MLSRTVFVPLILAFVGVSISAPVSNNNGTDNDESAADQRHIFTVQFNVGTPAPADGDSVTTDGKDSA
EKNEAPGDSSDTTEKPGTTDGKDSAEQHGVTTDGKDEAEQHGVTTDGQDSAEKRGEADGAPDKPD
TQNGTDDTDSDQETDASHHKTGDSDENKDKPSAEDHTDGNHAGKDSTDSKESPDTTDKPEGPDS
DSAPDGDSASAEKTDSDHSPDEDANKSSTEADKDDTSDKDSSQTDEKHDSDASDKDEKHEDKDEKS
DEKDSSKDSEDKSQEKSDKSDDGSNSEADEQKESVESKDHDSDSQDSDSAEKKEKHDDKDQDSSDS
ADSKDSDEDKDKDHSEQKDSEDHEHKEKHTKDKEEHKDSDEGKDDEDKSKSDEHDKDESESKEASK
SDESEQEEKKDDKSDSDNSSRDSHSDSDSDSHSDSDSDSDSHSDSHSDSDSDSDSHSDSDSDSDSDSDSD
SDSDSDSNSRDKDEKKDKSSESRDEDSSDSDSKSNSESSETAEEDTNDDKDSSVEKDKTDSSDSASVE
ANDSDDEHDDDSKDATPSSEDHTAEKTDEDSHDVSDDDDDIDAHDDEAGVEHGTDEASKPHQEP
DHHDDTTHGSDDGRKTSMPIS
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>DM_train9

MDYKEEQKQELEVLESIYPDELRIINDEYPKIKFEVAIKLELDTGDSTSVLTKEHTIIAEFKLPENYPDEPCLI
SLEAQEVALNDNEEDNEEDEDEVEYDDHGNKVLKKFENLPDLISFKGYLPELTVQLESQIETDMLLGM
QMCFALISSIKERCEQWYSEQLNKLEKQYELEAQEREKKEQAKFHGTKVTRESYLEWRSKFRQELKLDE
RDQVRRMKAHHGKLTGKQMFEQGVVGTGDEYMEEDDASVDDVAKGLAKTEIANQ
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>DM_train10

MQHWLDKLTDLAAIEGDECILKTGLADIADHFGFTGYAYLHIQHRHITAVTNYHRQWQSTYFDKKFE
ALDPVVKRARSRKHIFTWSGEHERPTLSKDERAFYDHASDFGIRSGITIPIKTANGFMSMFTMASDKPV
IDLDREIDAVAAAATIGQIHARISFLRTTPTAEDAAWLDPKEATYLRWIAVGKTMEEIADVEGVKYNSV
RVKLREAMKRFDVRSKAHLTALAIRRKLI
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>DM_train11

MKTIHLGIGGPVGSGKTTLVKTLSEALKEEYSIAVITNDIYTREDANFLINENILEKDRIIGVETGGCPHTAI
REDASMNFEAIEELKNRFDDLEIILLESGGDNLSATFSPELVDAFIYVIDVSEGGDIPRKGGPGVTRSDFL
MVNKTELAPYVGVDLDTMKNDTIKARNGRPFTFANIKTKKGLDEIIAWIKSDLLLEGKTNESASESK
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>DM_train12

MPRRAENWDEAEVGAEEAGVEEYGPEEDGGEESGAEESGPEESGPEELGAEEEMEAGRPRPVLRSVN
SREPSQVIFCNRSPRVVLPVWLNFDGEPQPYPTLPPGTGRRIHSYRGHLWLFRDAGTHDGLLVNQTE
LFVPSLNVDGQPIFANITLPVYTLKERCLQVVRSLVKPENYRRLDIVRSLYEDLEDHPNVQKDLERLTQE
RIAHQRMGD

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>DM_train13

MDPKDRKKIQFSVPAPPSQLDPRQVEMIRRRRPTPAMLFRLSEHSSPEEEASPHQRASGEGHHLKSKR
SNPCAYTPPSLKAVQRIAESHLQSISNLGENQASEEEDELGELRELGYPREEEEEEEEEDEEEEEDSQAE
VLKGSRGSAGQKTTYGQGLEGPWERPPPLDGPQRDGSSEDQVEDPALNEPGEEPQRPAHPEPGT

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>DM_train14

AAQKRPSQRSKYLASASTMDHARHGFLPRHRDTGILDSLGRFFGSDRGAPKRGSGKDGHHAARTTH
YGSLPQKAQGHRPQDENPVVHFFKNIVTPRTPPPSQGKGRGLSLSRFSWGAEGQKPGFGYGGRASD
YKSAHKGLKGHDAQGTLSKIFKLGGRDSRSGSPMARR

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>DM_train15

MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAGKTKEGVLYVGSKTKEGVVHGVATVAEKTKEQVTNV
GGAVVTGVTAVAQKTVEGAGSIAAATGFVKKDQLGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEG
YQDYEPEA

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>DM_train16

MATVNQLVRKPRARKVAKSNVPALEACPQKRGVCTRVYTTTPKKPNSALRKVCRVRLTNGFEVTSYI
GGEGHNLQEHSVILIRGGRVKDLPGVRYHTVRGALDCSGVKDRKQARSKYGVKRPKA

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>DM_train17

GDVEKGKKIFVQKCAQCHTVEKGGKHKTGPNLHGLFGRKTGQAPGFTYTDANKNKGITWKEETLME
YLENPKKYIPGTKMIFAGIKKKTEREDLIAYLKKATNE

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>DM_train18

MSATAATAPPAAPAGEGGPPAPPPNLTSNRRLQQTQAQVDEVVDIMRVNVDKVLERDQKLSELDD
RADALQAGASQFETSAAKLKRKYWWKNLKMMIILGVICAIILIIIIVYFSS

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>DM_train19
MIEKLAEIRKKIDEIDNKILKLIAERNSLAKDVAEIKNQLGIPINDPEREKYIYDRIRKLCKEHNVDENIGIKIF
QILIEHNKALQKQYLEETQNKNKK
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>DM_train20
AKDLLKADDIKKALDAVKAEGSFNHKKFFALVGLKAMSANDVKKVFKAIDADASGFIEEEELKFVLKSF
AADGRDLTDAETKAFLKAADKDGDGKIGIDEFETLVHEA
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>DM_train21
MASRQNNKQELDERARQGETVVPGGTGGKSLEAQQHLAEGRSKGGQTRKEQLGTEGYQEMGRKG
GLSTVDKSGEERAQEEGIGIDESKFRTGNNKNQNQNEDQDK
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>DM_train22
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VKFEVKGPKNRKFISIEAE
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>DM_train23
MARYFRRRKFCRFTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTRAKYQRQLARAIKRARYLSLLPYT
DRHQ
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>DM_train24
MAKGIREKIKLVSSAGTGHFYTTTKNKRTKPEKLELKKFDPVVRQHVIYKEAKIK
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>DM_train25
VASETLKTKKMEVQIKKNFPSVLQYTMTDGKVMYGQSKDVRTVEINGTNIELGDDDVTFKKVSDTEA
TYTLKVKDEAKKIDAVITVQITVKANQLHLNVTKIKNNLSEGIPEGNGVEENAIQTLSFPNQSLVSVRSS
QENAQFTGARMSSNTQKPGDTNFAVTEDTNVTDSDYTYGFISGAGLSAGLWSNSEHDGTYVAAPV
RGGSQNTRVYATTQQTGDATSLGLASAPWYYHRTVTDSKGKKYTVAETALPQMAVAIAGDENEDG
AVNWQDGAIAYRDIMNNPYKSEEVPELVAWRIAMNFGSQAQNPFLTTLDNVKKVALNTDGLGQSV
LLKGYGNEGHDSGHPDYGDIGQRLGGADDMNTMMEEGSKYGARFGVHVNASEMYPEAKAFSED
MVRRNSAGGLSYGWNWLDQGVGIDGIYDLASGSRVSRFADLSKEVGDNMDFIYLDVWGNLTSSGS
EDSWETRKMSKMINDNGWRMTTEWGSGNEYDSTFQHWAADLTYGGYTSKGENSEVMRFLRNHQ
KDSWVGDYPQYGGAANAPLLGGYNMKDFEGWQGRNDYAAYIKNLYTHDVSTKFIQHFKVTRWVN
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VVSAGDGSATGDESYLLPWMWDSFTGKLVKDSEQKLYHWNTKGGTTTWTLPDSWKNLSSVKVYQL
TDQGKTNEQTVAVSGGKVTLTADAETPYVVYKGEAKQIQVNWSEGMHVVDAGFNGGSNTLTDNW
TVSGSGKAEVEGDNNAMLRLTGKVDVSQRLTDLKAGQKYALYVGVDNRSTGDASVTVTSGGKVLAT
NSTGKSIAKNYIKAYGHNTNSNTENGSSYFQNMYVFFTAPENGDATVTLSHKSTDGAHTYFDDVRIV
ENQYSGITYEKDGTLKSLTNGFENNAQGIWPFVVSGSEGVEDNRIHLSELHAPFTRAGWDVKKMDD
VLDGTWSVKVNGLTQKGTLVYQTIPQNVKFEAGAKYKVSFDYQSGSDDIYAIAVGQGEYSAGSVKLT

NLKKALGETGKAEFELTGGVNGDSWFGIYSTATAPDLQGSTGNAQDFGGYKDFVLDNLKIERIESQTR
TKAEAQDKVKEIRGKYDSKRAELSDAAWQQYQDTLVKARVLINKNGATAEDFTKAYDILVALDEYMK
TAPGNESSDKYDVAADGSDELGGYTVATGSEEPTAGLPSEGPADLAQDGNDSTHWHTSWSENAVG
NGTAWYQFNLNEPTTINGLRYLPRSGGMNANGKIKGYKITLTLADGTTKDVVTDAEFSTTTMWQKA
SFDAVENVTAVRLTVLSSAGQSDSQANKFASAAELRLTTDRE
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>DM_train28
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LSRSGNVDNEGGSNQKPMSTRIAEATSAIVSKHPARVGLPPTASSGHGYQCHVCSAVLFSPLDLDAH
VASHGLHGNMTLTSSEIQRHITEFISSWQNHPIVQVSADVENKKTAQLLHADTPRLVTWDAGLCTSF
KIVPIVPAQVPQDVLAYTFFTSSYAIQSPFPEAAVSRIVVHTRWASNVDFDRDSSVIMAPPTENNIHLF
KQLLNTETLSVRGANPLMFRANVLHMLLEFVLDNLYLNRHTGFSQDHTPFTEGANLRSLPGPDAEKW
YSIMYPTRMGTPNVSKICNFVASCVRNRVGRFDRAQMMNGAMSEWVDVFETSDALTVSIRGRWM
ARLARMNINPTEIEWALTECAQGYVTVTSPYAPSVNRLMPYRISNAERQISQIIRIMNIGNNATVIQPV
LQDISVLLQRISPLQIDPTIISNTMSTVSESTTQTLSPASSILGKLRPSNSDFSSFRVALAGWLYNGVVTT
VIDDSSYPKDGGSVTSLENLWDFFILALALPLTTDPCAPVKAFMTLANMMVGFETIPMDNQIYTQSRR
ASAFSTPHTWPRCFMNIQLISPIDAPILRQWAEIIHRYWPNPSQIRYGAPNVFGSANLFTPPEVLLLPID
HQPANVTTPTLDFTNELTNWRARVCELMKNLVDNQRYQPGWTQSLVSSMRGTLDKLKLIKSMTPM
YLQQLAPVELAVIAPMLPFPPFQVPYVRLDRDRVPTMVGVTRQSRDTITQPALSLSTTNTTVGVPLAL
DARAITVALLSGKYPPDLVTNVWYADAIYPMYADTEVFSNLQRDMITCEAVQTLVTLVAQISETQYPV
DRYLDWIPSLRASAATAATFAEWVNTSMKTAFDLSDMLLEPLLSGDPRMTQLAIQYQQYNGRTFNVI
PEMPGSVIADCVQLTAEVFNHEYNLFGIARGDIIIGRVQSTHLWSPLAPPPDLVFDRDTPGVHIFGRDC
RISFGMNGAAPMIRDETGMMVPFEGNWIFPLALWQMNTRYFNQQFDAWIKTGELRIRIEMGAYPY
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PQTIAGPDKHIPVERYNILTNPDAPPTQIQLPEVVDLYNVVTRYAYETPPITAVVMGVP

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>DM_train30

PISKILVANRSEIAIRVFRAANELGIKTVAIWAEEDKLALHRFKADESYQVGRGPHLARDLGPIESYLSIDE
VIRVAKLSGADAIHPGYGLLSESPEFVDACNKAGIIFIGPKADTMRQLGNKVAARNLAISVGVPVVPAT
EPLPDDMAEVAKMAAAIGYPVMLKASWGGGGRGMRVIRSEADLAKEVTEAKREAMAAFGKDEVYL
EKLVERARHVESQILGDTHGNVVHLFERDCSVQRRNQKVVERAPAPYLSEAQRQELAAYSLKIAGAT
NYIGAGTVEYLMDADTGKFYFIEVNPRIQVEHTVTEVVTGIDIVKAQIHILDGAAIGTPQSGVPNQEDIR
LNGHALQCRVTTEDPEHNFIPDYGRITAYRSASGFGIRLDGGTSYSGAIITRYYDPLLVKVTAWAPNPL
EAISRMDRALREFRIRGVATNLTFLEAIIGHPKFRDNSYTTRFIDTTPELFQQVKRQDRATKLLTYLADVT
VNGHPEAKDRPKPLENAARPVVPYANGNGVKDGTKQLLDTLGPKKFGEWMRNEKRVLLTDTTMRD
GHQSLLATRMRTYDIARIAGTYSHALPNLLSLECWGGATFDVSMRFLTEDPWERLALIREGAPNLLLQ
MLLRGANGVGYTNYPDNVVKYFVRQAAKGGIDLFRVFDCLNWVENMRVSMDAIAEENKLCEAAIC
YTGDILNSARPKYDLKYYTNLAVELEKAGAHIIAVKDMAGLLKPAAAKVLFKALREATGLPIHFHTHDTS
GIAAATVLAAVEAGVDAVDAAMDALSGNTSQPCLGSIVEALSGSERDPGLDPAWIRRISFYWEAVRN
QYAAFESDLKGPASEVYLHEMPGGQFTNLKEQARSLGLETRWHQVAQAYADANQMFGDIVKVTPS
SKVVGDMALMMVSQDLTVADVVSPDREVSFPESVVSMLKGDLGQPPSGWPEALQKKALKGEKPYT
VRPGSLLKEADLDAERKVIEKKLEREVSDFEFASYLMYPKVFTDFALASDTYGPVSVLPTPAYFYGLADG
EELFADIEKGKTLVIVNQAVSATDSQGMVTVFFELNGQPRRIKVPDRAHGATGAAVRRKAEPGNAAH
VGAPMPGVISRVFVSSGQAVNAGDVLVSIEAMKMETAIHAEKDGTIAEVLVKAGDQIDAKDLLAVYG
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>DM_train32
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RIACDFKLDGDHYVVAKAYAGDYSNEGEKSPIFEYGIDPTGYLIEDIDGETVGAGSNIYRVLSEKAGTSA
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>DM_train36
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VRTVFEGLREHLKDYTPEKASAKCGVPVSLIRELGRKVAKKRTCSYIGFSSAKSYHGDLMERSLFLAMAL
SGNWGKPGTGAFAWAYSDDNMVYLGVMSKPTAQGGMDELHQMAEGFNKRTLEADPTSTDEMG
NIEFMKVVTSAVGLVPPAMWLYYHVGYDQLWNNKAWTDPALKKSFGAYLDEAKEKGWWTNDHIR
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>DM_train38
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VSSQVISQLKQKLENLQNSQLPESFRVPYDPGLKAGALAIEKCKVMASKKKPLWLEFKCADPTALSNE
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>DM_train41

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>DM_train42

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YDAMTYNYGRYHQDGLGEYNYQFMQPEGDKVPADNFFANFNWDKAKNDYTIATANWIGRNPYD
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>DM_train44
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VQVNYGPTGEPLDFQIGRNQYDCNVFRADFATGTGYNGWATIDVEYRDPAPYVHAQRYIRYCGIDS
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>DM_train46

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>DM_train49

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>DM_train53
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GCVDVIVQRVYPLQWVEKTVSGSYIFRNEREEEKEALRFAEAQQKKLEALFTKVHTELKEHEEDIAQRR
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>DM_train55
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>DM_train57
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>DM_train64

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>DM_train70
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>DM_train71

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>DM_train72

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>DM_train76
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>DM_train78
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>DM_train80
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>DM_train81
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>DM_train92

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>DM_train93

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>DM_train94

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>DM_train95
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>DM_train99
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>DM_train102
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>DM_train103
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>DM_train109
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>DM_train111
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>DM_train113
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>DM_train114
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>DM_train118
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>DM_train134
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>DM_train156
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>DM_train173
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>DM_train178
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>DM_train182
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>DM_train203
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>DM_train205
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>DM_train232

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>DM_train240

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>DM_train245

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>DM_train255
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>DM_train262
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>DM_train263
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HVDGVDLHVANTGDSRAMLGVQEEDGSWSAVTLSNDHNAQNERELQRLKLEHPKNEAKSVVKQD
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>DM_train269

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>DM_train272

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>DM_train273

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>DM_train277
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>DM_train278
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>DM_train281
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>DM_train285
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>DM_train292
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>DM_train299
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KQRIQEDYLRILRYFRFYGRIVDKPGDHDPETLEAIAENAKGLAGISGERIWVELKKILVGNHVNHLIHLI
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>DM_train309
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TTEGNFTLYSEYNPSTGGKITTDTIPQDVKSFNYTLGKVPYKMFLLDNRHLKGQAEKWVKAKRPLLSIG
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>DM_train335

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>DM_train341

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RTHGVHAEPTTFGLKLALWHEEMKRNLERFKQAKAGIEVGKISGAVGTYANIDPFVEQYVCEKLGLKA
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NMTGMARVIRGYMMTAYENVPLWHERDISHSSAERIILPDATIALNYMLNRFSNIVKNLTVFPENMK
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>DM_train342

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>DM_train351
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>DM_train364
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>DM_train369
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LDCKVDRDKEAIKTAPRITDFLNEESKAYYEQVKAYLDDLGIPYTEDPNLVRGLDYYTHTAFELMMDN
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>DM_train374
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>DM_train383

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>DM_train384
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VFSHRLTVHRKYDLKGSTVAREASDKEKAKDLPTFKDNDFLNEGQKLHVGEESKKNFLEKLKRDVEFLA
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>DM_train397
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FTTLNEDRSAHPNAYKQKSADTLGTLDDFHIAFSEEGSFAWTHNKSATKPFETKANEKMEALIVTNPIP
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>DM_train415
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>DM_train423
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LNAYNQIFVDTVRQTGGNNNARWLLVPGWNTNIDYTVGNYGFTLPTDNYRSSAIPSSQKRIMISAH
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>DM_train440
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>DM_train463
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>DM_train464

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SLPGGAYNPVLNGYLDQVAEWANNLKDEQGRLIPVIFRLYHENTGSWFWWGDKQSTPEQYKQLFR
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NAALVARMAEARGKIPVISEIGIRAPDIEAGLYDNQWYRKLISGLKADPDAREIAFLLVWRNAPQGVP
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>DM_train465

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LFRDDEFKTTIQHFRHTALQAAINKTVKGDNLVDISKVADAAGKKGKVDAGIVKASASKGDEFSDFSF
KEGNTATLKIADIFVQEKGKDALNKAADHTDGAKVKGGAKGKGKAAAKAAKGKKLSAKKGDSSAAD
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>DM_train479

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LVKKGTHNPNFVRKPDAALVDFLCENADVITKVTLAPEMVPAEVISKLANAGIVVSAGHSNATLKEAK
AGFRAGITFATHLYNAMPYITGREPGLAGAILDEADIYCGIIADGLHVDYANIRNAKRLKGDKLCLVTD
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IGVEKRLGTLAAGKVANLTAFTPDFKITKTIVNGNEVVTQ
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>DM_train481

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>DM_train485

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>DM_train486

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>DM_train487

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>DM_train496
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>DM_train506
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AISTRQYNWNNILPTYSGRESNVQKMAISELMADVGISVDMDYGPSSGSAGSSRVQRALKENFGYN
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>DM_train508
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DSGIHPGSGVGNKRKEISYETLGIPVIAIGIPTVVDAVSITSDTIDFILKHFGREMKEQGKPSKSLLPSGMT
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>DM_train515
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LDEESSLYDTPGIINHHQMAHYVGKQSLKLITPTKEIKPMVFQLNEEQTLFFSGLARFDYVSGGRRAFT
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>DM_train516
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FGGNYAASLLAQAEAAENGCDQVVWLDAVERRYIEEMGGMNIFFVLGSGGSARLVTPELSGSLLPGI
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>DM_train519
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YTGESGGQPRNVASPDINTEDFSAAVDFISLLPEVNRERIGVIGICGWGGMALNAVAVDKRVKAVVTS
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>DM_train521
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DLFDCLCCDLESWRQLAGLFQPFMFVNGALTVRGVPIEARRLRELNHIREHLNLPLVRSAATEEPGAP
LTTPPTLHGNQARASGYFMVLIRAKLDSYSSFTTSPSEAVMREHAYSRAPTKNNYGSTIEGLLDLPDDD
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>DM_train525

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ALADPKRVAAFLVTTADPLEVVSVRYLWGSAQQIGLTIGGVIQVSSQTEGDLSAEFTPLSVTVVPDVTK
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PALSGRPITGAKFQNNYLIISF

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>DM_train527

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KSRAEQLIKQYHPYETPVFDFIEIKQTSLYGLGVMAEVDNQMTLEDFAADIKSKLNIPSVRFVGESNQKI
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NIEKINIDVEASTINTDPFQYI

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>DM_train531

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LTGGNGPRLHHVAFSTHEKHNIIQICDKMGALRISDRIERGPGRHGVSNAFYLYILDPDNHRIEIYTQD
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>DM_train532

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>DM_train535
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>DM_train543
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>DM_train556
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>DM_train557

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>DM_train562

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PGVFANFVDKRINGLRGIRPLAPRDNYSGNFIDGAYTFAFDKSTDFEWCDFVRSLEFSESNVLGAATA
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>DM_train570

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VGVRPYNAIAFSAPIAVFVSVFLIYPLGQSSWFFAPSFGVAAIFRFLLFFQGFHNWTLNPFHMMGVAG
VLGGALLCAIHGATVENTLFQDGEGASTFRAFNPTQAEETYSMVTANRFWSQIFGIAFSNKRWLHFF
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NFVFPEEVLPRGNAL
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>DM_train587

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FVGELQSVGADARIQEGSIQVLSDSTVLDTGEEVSQELSNVLNELGIEPKEVGLDLRAVFADGVLFEPEE
LELDIDEYRSDIQAAAGRAFNLSVNADYPTATTAPTMLQSDRGNAKSLALQAAIEDPEVVPDLVSKAD
AQVRALASQIDDEEALPEELQGVEADVATEEPTDDQDDDTASEDDADADDAAEEADDDDDDDED
AGDALGAMF
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>DM_train589
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KKQLHPSKIILISDVRSKRGGNEPSTADLLSNYALQNVMISILNPVASSLKWRCPFPDQWIKDFYIPHG
NKMLQPFAPSYSAEMRLLSIYTGENMRLTRVTKSDAVNYEKKMYYLNKIVRNKVVVNFDYPNQEYDY
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>DM_train593
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QQQDIFEKLNEVQKNVSEVNEQFTNPELTTFICVCISEFLSLYETERMIQELMSYNMDVNSIVVNQLLF
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>DM_train599
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QPQDDRLIFEKGRTPLPPYIKNEVPLERYQTVYAKEEGSVAAPTAGLHFTPELIEKLKKKGVQFAEVVLH
VGIGTFRPVKVEEVEKHKMHEEFYQVPKETVRKLRETRERGNRIVAVGTTTVRTLETIARLPEQEEYVGK
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>DM_train609
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DRVNPADLSTYEALADPQWRGKILVRPSSNVYNLSLTASRIAIHGEPETRRWLQGLVGNFARQPEGN
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>DM_train612
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>DM_train615
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>DM_train616
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>DM_train647

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KWSFFNGKAGDKITLSVQRDAQEASLKGAHPGFILFWRPEGGPLFWAGTQDLDEGQTALPADSDTVI
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>DM_train662
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NRIALTDAYLLYTPSQIALTAILSSASRAGITMESYLSESLMLKENRTCLSQLLDIMKSMRNLVKKYEPPR
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>DM_train663
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SEGYSLMKIHDLKLVRNEHPIFLLGWNMMHVIDESSPLFGETPESLAEGRAMLLVMIEGSDETTAQVM
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>DM_train686
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>DM_train688
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>DM_train697
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>DM_train718
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>DM_train726
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>DM_train727
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>DM_train765
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>DM_train791
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>DM_train830
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>DM_train864
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>DM_train889
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>DM_train901
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WGHDEYLYQMMKFNKFSLPSEAFYMIRFHSFYPWHTGGDYRQLCSQQDLDMLPWVQEFNKFDLY
TKCPDLPDVESLRPYYQGLIDKYCPGTLSW
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>DM_train902
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PFRVIPLVREVGRTKLEVKVVIKSNFKPSLLAQKIEVRIPTPLNTSGVQVICMKGKAKYKASENAIVWKIK
RMAGMKESQISAEIELLPTNDKKKWARPPISMNFEVPFAPSGLKVRYLKVFEPKLNYSDHDVIKWVRYI
GRSGIYETRC
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>DM_train911
EDRYKEKLLQKAKAEGVESIEELKKRLADQIEEKKKELNKIDPLRELEQHLNAGSRIHTNKEHKTTKMSN
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AVKNPLFVLPLPRENAADGNKADKDSVPVELQYVQWQFAGPNTVHCLITSLAEYKLHQDFAKPHTTI
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>DM_train925
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WNAREIMEVPEVAWAYFGAEDYTTDLGGKRTPGGLEVLYARSQVALAARLTGVAALDIVVTALNDPE
TFRADAEQGRALGYSGKLCIHPAQVALAHEYFGPTEADRARARALLDAAAAAAQRGHGAFSFEGQ
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>DM_train935
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NESKYEKLKYKRCKYLNKETVDNVNDMPNSKKLQNVVVMGRTNWESIPKKFKPLSNRINVILSRTLKK
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>DM_train941

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HHAVTQSTNMITEPSLCSECGGRSFRLLQDESEFLDTQTLKLQEPLENLSGGEQPRQITVVLEDDLVDT
LTPGDIVRVTGTLRTVRDERTKRFKNFIYGNYTEFLEQEFEELQISEEDEEKIKELAGDPNIYEKIIR
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>DM_train947
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>DM_train977
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>DM_train993
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>DM_train998
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VNVLKLTVEDLEKERDFYFGKLRNIELICQENEGENDPVLQRIVDILYATDEGFVIPDEGGPQEEQEEY
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>DM_train1020
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>DM_train1026
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>DM_train1040
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>DM_train1083
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>DM_train1090
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>DM_train1101
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>DM_train1105
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TILYGHRMKDGSMFGSLKKMLDEEFFMSHRKLYYDTLFEGYDLEVFSVYTTTTDFYYIETDFSSDTEYTS
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>DM_train1106
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FLLDYADSVPTNTRTMASSTSFTTSNVWGGGDGSSLLHTSMKSMGNAVTSALPCDEFSNKWFKLSW
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>DM_train1120
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GQWKSITLFVQEDRAQLYIDCEKMENAELDVPIQSVFTRDLASIARLRIAKGGVNDNFQGVLQNVRF
VFGTTPEDILRNKGCSSSTSVLLTLDNNVVNGSSPAIRTNTGHHHHHH
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>DM_train1125
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SRNVKKLKDPTLRFRLLKHTRLNVVAFLNELPKTQHDVNSFVVDISAQTSTLLCFSVNGVFKEVDGKSR
DSLRAFTRTFIAVPASNSGLCIVNDELFVRNASSEEIQRAFAMPAPTPSSSPVPTLSPEQQEMLQAFST
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>DM_train1131
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QIDIVVDTINDFRLKIAVVSYEPEDEIKEKKLVTLNAEVIPFYLEKLEQTVKDNDGHLALGKLTWADVYFA
GITDYMNYMVKRDLLEPYPALRGVVDAVNALEPIKAWIEKRPVTEV
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>DM_train1150
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EQFAEDFFAADVESFLNEYGLLPEREIHDLGQTNTEDEDIE
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>DM_train1152
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KFGKLVRDDDGNLIKTKVLPPSIKRKFSADEDYTLAIAVKKQFYRDLFQIDPDTGRSLITDEDTPTAIARR
NMTMDPNHVPGSEPNFAAYRTQSRRGPIAREFFKHFAEEHAAHTENAWRDRFRKFLLAYGIDDYISY
YEAEKAQNREPEPMKNLTNRPKRPGVPTPGNYNSAAKR
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>DM_train1177
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KSVDKFDLSYDVKFSTYAVPMIIGEIQRFLRDDGTVKVSRSLKEMGNKIRKAKDELSKTRGRAPTVTEIA
DHLGISPEDVVLAQEAVRLPTSIHETVYENDGDPITLLDQIADADEASWFDKIALKKAIEELDERERLIVY
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>DM_train1184
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VAYLQAHALTTEGIFRRSANTQVVREVQQKYNMGLPVDFDQYNELHLPAVILKTFLRELPEPLLTFDLY
PHVVGFLNIDESQRVPATLQVLQTLPEENYQVLRFLTAFLVQISAHSDQNKMTNTNLAVVFGPNLLW
AKDAAITLKAINPINTFTKFLLDHQGELFPSPDPSGL
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>DM_train1197
ADNEEDVEAEEEYTELTDISGVGPSKAESLREAGFESVEDVRGADQSALADVSGIGNALAARIKADVG
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KRVSTSWRKPRGQLSKQRRGIKGKGDTVEAGFRSPTAVRGKHPSGFEEVRVHNVDDLEGVDGDTEA
VRIASKVGARKRERIEEEAEDAGIRVLNPTYVEVEVSE
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>DM_train1203
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AVQRVMESGAKGAKVIVSGRIGGAEQARTEWAAQGRVPLHTLRANIDYGFALARTTYGVLGVKAYIF
LGEVIGGQKPKARPELPKAEERPRRRRPAVRVKKEE
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>DM_train1208
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>DM_train1259
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QGLLKTPWRAATAMQFFTKGYQETISDVLNDAIFDEDHDEMVIVKDIDMFSMCEHHLVPFVGRVHI
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>DM_train1265
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>DM_train1297
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FDMLKYDYLVLTRDMVSKIEEVLG
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>DM_train1302
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>DM_train1317
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>DM_train1318
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KRSQKKHKKKHLKHENANDETTAVEDEDDDLDEDDVNADDDDFMHSETREKELESIDVLLEQTTGG
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>DM_train1319
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GNNAAAESRKGQERLEHHHHHH
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>DM_train1326
MAFDPNLVGPTLPPIPPFTLPTGPTGPTGPTGPTGPTGPTGDTGTTGPTGPTGPTGPTGPTGATG
LTGPTGPTGPSGLGLPAGLYAFNSGGISLDLGINDPVPFNTVGSQFGTAISQLDADTFVISETGFYKITVI
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>DM_train1327
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>DM_train1332
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>DM_train1336
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>DM_train1347
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>DM_train1352
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>DM_train1375
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>DM_train1383
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>DM_train1389
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IGYSHPVIIEPPAGVTFAVPEPTRIDVSGIDKQLVGQVAANVRKVRKPDAYHGKGVRFVGEQIALKAGK
AGATGGKGKK
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>DM_train1407
KRVLKSTEMSIGGSGENVLSVHPVLDDNSCLFHAIAYGIFKQDSVRDLREMVSKEVLNNPVKFNDAIL
DKPNKDYAQWILKMESWGGAIEIGIISDALAVAIYVVDIDAVKIEKFNEDKFDNYILILFNGIHYDSLTM
NEFKTVFNKNQPESDDVLTAALQLASNLKQTGYSFNTHKAQIKCNTCQMTFVGEREVARHAESTGH
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>DM_train1413
MPTYEELSQAVFEGDEAQVVELTRSLLSGGAEPLEVINKGLIAGMDRVGVLFKNNEMFVPEVLMSAN
AMNAGVEVVKQSQQAFDMPSVGKIVLGTVKGDLHDIGKNLVAMMLESGGFTVYNLGVDIEPGKFV
EAVKKYQPDIVGMSALLTTTMMNMKSTIDALIAAGLRDRVKVIVGGAPLSQDFADEIGADGYAPDAA
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>DM_train1417
MGRYIGPVCRLCRREGVKLYLKGERCYSPKCAMERRPYPPGQHGQKRARRPSDYAVRLREKQKLRRIY
GISERQFRNLFEEASKKKGVTGSVFLGLLESRLDNVVYRLGFAVSRRQARQLVRHGHITVNGRRVDLPS
YRVRPGDEIAVAEKSRNLELIRQNLEAMKGRKVGPWLSLDVEGMKGKFLRLPDREDLALPVNEQLVIE
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>DM_train1421
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DKQYEILCVSQFTLQCVLKGNKPDFHLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYMQVHIQ
NDGPVTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSESSKERNTPRKEDRSASSGAEGDVS
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>DM_train1425
GSHMELQGHHAEKLPAGAGAPKAGLEEAPAVTAGLKIFEPPAPGEGNSSQNSRNKRAVQGPEETVT
QDCLQLIADSETPTIQKGSYTFVPWLLSFKRGSALEEKENKILVKETGYFFIYGQVLYTDKTYAMGHLIQ
RKKVHVFGDELSLVTLFRCIQNMPETLPNNSCYSAGIAKLEEGDELQLAIPRENAQISLDGDVTFFGAL
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>DM_train1463
MAASTASHRPIKGILKNKTSSTSSRVASAEQPRGSVDEELSKKSQKWDEMNILATYHPADKDYGLMKI
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RQFEMKRKLHYNEGLNIKLARQLISKDLHDDEEDEEMSETADGESMNTEESNQGSTPSDQRQNKSQ
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>DM_train1473
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VRYEREMRSYIPPKGEKKKRFKDPNAPKRPSSAFFIFCADFRPQVKGETPGLSIGDVAKKLGEKWNNLT

AEDKVPYEKKASRLKEKYEKDITAYRNKGKVPVSMPAKAAAPAKDDDDDDDDDDDEDDDDDDDE
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>DM_train1487
MATLIYVDKENGEPGTRVVAKDGLKLGSGPSIKALDGRSQVSTPRFGKTFDAPPALPKATRKALGTVN
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LPLSGVPLMILDEERELEKLFQLGPPSPVKMPSPPWESNLLQSPSSILSTLDVELPPVCCDIDI
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>DM_train1523
MNGAELIIQEINKEAERKIEYILNEARQQAEKIKEEARRNAEAKAEWIIRRAKTQAELEKQRIIANARLEV
RRKRLAIQEEIISSVLEEVKRRLETMSEDEYFESVKALLKEAIKELNEKKVRVMSNEKTLGLIASRIEEIKSEL
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>DM_train1535
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>DM_train1537
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AMSKIEIKLSDIPEGKNMAFKWRGKPLFVRHRTKKEIDQEAAVEVSQLRDPQHDLERVKKPEWVILIGV
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>DM_train1562
RPLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARGQSAHSLLEIKAVALRTV
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GFLPLSHFLPMLPMVPEEPEDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK
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>DM_train1583
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AIENWWLSDYMAFQKQQPADFYIQSVENCELLSITYTEQENLFERIPALERYFRLVYQKSFAAAQLRSK
FQHMYSKEEQYHNFSSRFPEFIQRVPQYLLASYLGFTPEYLSEIRKKYIS

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>DM_train1590
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FLDEEVKLIKKMGDHLTNLHRLGGPEAGLGEYLSSKGSLSSTTKSLLSPATSEGPLAK
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>DM_train1596
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TSAITISLPNELSSERNKQLKVGRVLLWLGLLPSVSGTVKSCVTETQTTAAASFQVALAVADNSKDVVA
AMYPEAFKGITLEQLAADLTIYLYSSAALTEGDVIVHLEVEHVRPTFDDSFTPVY
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>DM_train1607
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YGANVKFEEGLGTYKVRFEIAAPSHDEYSLHIDEQTGVSGRFWSEPLVAEWDDFEWKGPQW
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>DM_train1623
MAALRNGLEGSSEETSFHDESLQDDREEIENNSYHMHPAGIILTKVGYYTIPSMDDLAKITNEKGECIV
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KTSRCLIKSPDRLADINYEGRLEAVSRKQGAQFKEYRPETGSWVFKVSHF
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>DM_train1630
ATGPRYKVPMRRRREARTDYHQRLRLLKSGKPRLVARKSNKHVRAQLVTLGPNGDDTLASAHSSDLA
EYGWEAPTGNMPSAYLTGLLAGLRAQEAGVEEAVLDIGLNSPTPGSKVFAIQEGAIDAGLDIPHNDD
VLADWQRTRGAHIAEYDEQLEEPLYSGDFDAADLPEHFDELRETLLDGDIEL
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>DM_train1644
VEVDCSRFPNTTNEEGKDVLVCTEDLRPICGTDGVTHSECLLCAYNIEYGTNISKEHDGECREAVPMD
CSRYPNTTSEEGKVMILCNKALNPVCGTDGVTYDNECVLCAHNLEQGTSVGKKHDGECRKELAAVS
VDCSEYPKPACTLEYRPLCGSDNKTYGNKCNFCNAVVESNGTLTLSHFGKC
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>DM_train1647
GKNKSKRIQALKFRHARDKRAGFEIDNNDDTIEEFFGSAYRKKGKGKGTTVGMGKSSRRFINMYGFDP
TEYSFIQFVDPLTGAQIEENVYADIRDIQERFSEVRKKMVEDDEIEMQALGSNTSIHAYFRKDWSDKAL
KIDLMPHNPLKICDKTNGIAKFPEREFELRQTGPAVEVDVKDIPKQEV
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>DM_train1659
YVEGQRKRRNTIHEFKKSAKTTLIKIDPALKIKTKKVNTADQCADRCTRNKGLPFTCKAFVFDKARKQC
LWFPFNSMSSGVKKEFGHEFDLYENKDYIRNCIIGKGRSYKGTVSITKSGIKCQPWSSMIPHEHSFLPSS
YRGKDLQENYCRNPRGEEGGPWCFTSNPEVRYEVCDIPQCSEVE
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>DM_train1665
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PVEEAPKGMLARGSYSIKSRFTDDDKTDHLSWEWNLTIKKDWKD
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>DM_train1696
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>DM_train1700
GPHMASSSGNDDDLTIPRAAINKMIKETLPNVRVANDARELVVNCCTEFIHLISSEANEICNKSEKKTIS
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QQEWLQMQQAAQQAQLAAASASASNQAGSSQDEEDDDDI
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>DM_train1712
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TPLLNCARPDQDVKFTIKFQEFSPNLWGLEFQKNKDYYIISTSNGSLEGLDNQEGGVCQTRAMKILMK
VGQDASSAGSARNHGPTRRPELEAGTNGRSSTTSPFVKPNP
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>DM_train1717

HHHHHHAVMPTPSPQGEYLPDMGLGIDGVKTPHAYAGKKGKHGGPAYEMPAFTAELTVPFPPVGA
PVKFDKLLYNGRQNYNPQTGIFTCEVPGVYYFAYHVHCKGGNVWVALFKNNEPMMYTYDEYKKGF
LDQASGSAVLLLRPGDQVFLQMPSEQAAGLYAGQYVHSSFSGYLLYPM
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>DM_train1750
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>DM_train1805
MPLHVSLANGNRDLDYDSVQPYFMCDDEEEDVHHQQPPQPPAPSEDIWKKFELLPTPRPSPGHAG
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>DM_train1821
MSTDFDRIYLNQSKFSGRFRIADSGLGWKISTSGGSAANQARKPFLLPATELSTVQWSRGCRGYDLKI
NTKNQGVIQLDGFSQDDYNLIKNDFHRRFNIQVEQREHSLRGWNWGKTDLARNEMVFALNGKPTF
EIPYARINNTNLTSKNEVGIEFNIQDEEYQPAGDE
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>DM_train1832
LPSCKEDEYPVGSECCPKCSPGYRVKEACGELTGTVCEPCPPGTYIAHLNGLSKCLQCQMCDPAMGL
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SPNGTLEECQHQTKCSWLVTKAGAGTSSSHHHHHH
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>DM_train1840
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>DM_train1841
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SQISEKDAKINKLMEKDFQVNKEIKPY
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>DM_train1906
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KDERTSEFEVSKLNGKIDGKIDVYIDEKVNGKPFKYDHHYNITYKFNGPTDVAGANAPGKDDKNSASG
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>DM_train1915
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>DM_train1922
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>DM_train1947
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>DM_train1967
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>DM_train1973
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>DM_train2028
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>DM_train2084
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>DM_train2094
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>DM_train2098
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>DM_train2112
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>DM_train2149
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>DM_train2164
YLGSRDHFALDRPSETHADYLLRTGQVVDISDTIYPRNPAMYSEEARLKSFQNWPDYAHLTPRELASA
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>DM_train2186
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>DM_train2188
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>DM_train2253
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>DM_train2270
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>DM_train2290
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>DM_train2301
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>DM_train2370
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>DM_train2397
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>DM_train2429
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>DM_train2434
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>DM_train2446
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>DM_train2447
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>DM_train2470
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>DM_train2504
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>DM_train2580
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>DM_train2583
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>DM_train2597
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>DM_train2598
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>DM_train2652
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>DM_train2665
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>DM_train2800
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>DM_train2868
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>DM_train2972

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>DM_train2990

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>DM_train3000

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