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>DP00049|P70475|#487-606

MDVDAEEKRHRTRSKGVRVPVEPAIQELFSCPTPGCDGTGHVSGKYARHRSVYGCPLAKKR  
KTQDKQPQEPAKPKFAVKADSSVDECYEDSGTEDMDDKEEDDDEFSEDNDEQGDDDD  
EDEV DREDEEEIEEDDEDDEDDDDGDDVEEEEDDDDEEEEEEEENEDHQMSCTRIMQD  
PEKDDNNNDEYDNYDELVAKSLLNLGKIAEDAAYRART ESEVNSNTSNSLEDHSSKNENLGR  
KSELSDLSDDV VRETDSLKLLA QGHGVVLSENISDRSYAEGMSQQDSRNMNYVMLGKPM  
NNGLMEKMVEESDEEVCLSSLECLRNQCFDLARKLSETNPQDRSQPPNMSVRQHVRQEDDF  
PGRTPDRSYSDMMNLMRLEEQLSPRSRTFSSCAKEDGCHERDDDTTVNSDRSEEVFDMTKG  
NLTLLEKAI ALETERAKAMREKMAMDAGRRDNLR SYEDQS PQLAGEDRKS KSSD SHVKKP  
YYDPSRTEKRESKCPTPGCDGTGHVNGLYPHHRSLSGCPHKDRVPPEILAMHENVLKCPTPG  
CTGRGHVNSNRNSHRSLSGCPAAA EKLAQK EKHQSCDVSKSNQASDRV LRPCMFVKQLEI  
PQYGYRNNVPTT PRSNLAK ELEKYSKTSFE YNSYDNHTY GKR AIPKVQTRDISPKGYDDA  
KRYCKNASPSSSTSSYAPSSSNLSCGGSSASSTCSKSSFDYTHDMEA AHMAATA ILNLSTR  
CREMPQNLSTKPQDLCTARNPDMEVDENGTLDSMNKQRPRDSCCPVLT PLEPMSPQQAV  
MSSRCFQLSEGDCWDLPDYTKMKPRRVDEDPK EITPEDLDPFQE AL EERRYPGEV TIPSPK  
PKYPQCKESKKDLITLSGCP LADKSIRSMLATSSQELK CPTPGCDGS GHITGNYASHRSLSGCP  
RAKKS GIRIAQSKEDKEDQEPICPVGCDGQGHITGKYASHRSASGCPLA K RQKDGYLNG  
SQFSWKSVKTEGMSCPTPGCDGS GHVSGSFLTHRSLSGC PRATSAMKKAKL SGEQMLTI KQR  
ASNGIENDEEIKQLDEEIKELNESNSQMEADMIK LRTQV TIT M ESNLK TIEEENK VIEQQNES  
LLHE LANLSQSLI HSLANIQLPHMDPINEQNF DAYV TTLTE MYTNQDRYQ SPENK ALLEN IKQ  
AVRG IQV

>DP00051|P07805|#1-35 #158-165 #298-310 #412-423

MDIVVNDLSCR FLEGFNTRDALCKKISMNTCD EGDPFFVADLG DIVRKHETWKKCLPRVTP  
FYAVKCNDDWRLGTLAALGTGFDCASNTEIQRVRIGVPPEKIIYANPCKQISHIRYARD SG  
VDVMTFDCVDELEKVA KTHPKAKMVL RISTDDSLARCR LSVKFGAKVEDCRFILEQAKKL NI  
DVTGVSFHVGSGSTDASTFAQ AISDSRFVFD MGTELGFNMHILDIGGGFPGTRDAPLK FEEIA  
GVINNA LEKHFPPDLKL TIVAE PGRYYVASAFTLAVN VIAKVTPGVQ TDVGA HAESNAQSF  
MYYVNDGVYGSFNCILYDHAVVRPLPQREP I PNEKL YPSSVWGPTCDGLDQI VERYYLPEMQ  
VGEWLLFEDMGAYTVVGTSSFNGFQSPTIYVVSGL PDHV VRELKSQKS

>DP00052|P07214|#18-302

MRAWIFFLLCLAGRALAAPQQTEVAEEIVEEETVVEETGVPVGANPVQVEMGEFEDGAEETV  
EEVVADNPCQNHCKHGKVCCELDESNTPMCVCQDPTSCPAPIGEFEKVCSNDNKTFDSSCHF  
FATKCTLEGTKKGHKLHLDYIGPCKYIAPCLDSELTEFPLRMRDWLKNVLVTLYERDEGNNL  
LTEKQKLRVKKIHENEKRLEAGDHPVELLARDFEKNYNMYIFPVHWQFGQLDQHPIDGYLSH  
TELAPLRAPLIPMEHCTTRFFETCDLDNDKYIALEEWAGCFGIKEQDINKDLVI

>DP00054|P78356#1-33 #220-250 #304-342 #373-390

MSSNCTSTTAVAVAPLSASKTCKKKHFVCQKVLFRASEPILSVLMWGVNHTINELSNVPV  
PVMLMPDDFKAYSKIKVDNHLFNKENLPSRFKKEYCPMVFRNLERFGIDDQDYQNSVTRS  
APINSDSQGRCGTRFLTTYDRRFVIKTVSSEDVAEMHNILKKYHQFIVECHGNTLLPQFLGMY  
RLTVGVETYMMVTRNVFSHRLTVHRKYDLKGSTVAREASDKEAKDLPTFKDNDFLNEGQ  
KLHVGEESKKNFLEKLKRDVEFLAQLKIMDYSLLVGIHDVDRAEQEEMEVEERAEDEECEND  
GVGGNLLCSYGTPPDSPGNLLSFPRFFGPGEFDPSVDVYAMKSHESSPKKEVYFMAIIDILTPY  
DTKKKAHAAKTVKHGAGAEISTVNPEQYSKRFNEFMSNILT

>DP00055|P10688#1-16 #130-202 #445-482

MDSGRDFLT LHGLQDDPDLQALLKGSQLLKVKSSSWRRERFYKLQEDCKTIWQESRKVMRS  
PESQLFSIEDIQEVRMGHRT EGGLEKFARDIPEDRCFSIVFKDQRNTLDLIAPSPADAQHWVQGL  
RKIIHHSGSMMDQRQKLQHWIHSCLR KADKNKD NMFKELKDFLKE LNIQVDDGYARKJFR  
ECDHSQTDSLEDEEIEFYKMLTQRAEIDRAFEEAAGSAETLSVERLVTFLQHQREEEAGPA  
LALS LIERYEPSETAKAQRQMTKDGFLM YLLSADGNAFSLAHRRVYQDMDQPLSHYLVSSSH  
NTYLEDQLTGPSSTEAYIRALCKGCRCLE LD CWDGP NQEPIYHGYTFTSKILFCDVLAIRD  
YAFKASPYPVILSLENHCSLEQQRVMARHL RAILGPILL DQPLDGVTTS LPSPEQLKGKILLKG  
KKLGGLLPAGGENGEATDVSDEVEAAEMEDEAVRSQVQH PKEDKLKL VPELSDMIIYCKS  
VHFGGFSSPGTSGQAFYEMASFSE SRALRLLQESGNGFVRHNVSCLSRIYPAGWRTDSSNYSP  
VEMWNGGCQIVALNFQTPGPEMDVYLGCFQDNGGCGYVLKP AFLRDPNTTFNSRALTQGP  
WWRPERLRVRIISGQQLPKVNKNKNSIVDPK VIVEIHGVGRDTGSRQTA VITNNGFNPRWDM  
EFEFEVTVPD LALVRFMVEDYDSSSKNDFIGQSTIPWNSLKQGYRHVHLLSKNGDQHPSATLF  
VKISIQD

>DP00057|P15340#1-62

MARYRRSRTRSRSPRSRRRRSGRRSPRRRRYGSARRSRRS VGGRRRRYGSRRRRRY

>DP00060|P11409#70-81 #192-229

MMTLNLQTMSSNDMLNFGKKPAYTTNGSMYIGDSLELLESFPDEISLVMTSPPFALQRKKE  
YGNLEQHEYVDWFLSFAKVVNKKLPDGSFVVDFFGAYMKGP ARSIYNFRVLIRMIDEVG  
FFLAEDFYWFNPKLPSPIEWVNKRKIRVKDAVNTVWWFSKTEWPKS DITKVLAPYSDRMK  
KLIEDPDKFYTPKTRPSGHDIGKSFSKDNGGSIPP NLLQISNSESNGQYLANCKLMGIKAHPAR  
FPAKLPEFFIRMLTEPDDL VVDIFGGSNTTGLVAERESRKWISFEMKPEYVAASA FRFLDN NIS  
EEKITDIYNRILNGESLDLNSII

>DP00061|P27694#102-180

MVGQLSEGAI AAIMQKGDTNIK PILQVINIRPITTGNSP PRYRLLMSDGLNTLSSFMLATQLNP  
LVEEQLSSNCVCQIHRFIVNLT KDGRRV VILMELEV LKSAEAVGVKIGNPVPYNEGLGQPQV  
APPAPAASPAASSRPQPQNGSSGMGTVSKAYGASKTFGKAAGPSLSHTSGGTQSKV VPIASL  
TPYQSKWTICARVTNKS QIRTWSNSRGEGKLF SLELV DESGEIRATAFNEQVDKFFPLIEVNK  
VYYFSKGTLKIAN KQFTA VKN DYEMTFNNET SVMPCE DDHHLPTVQ FDTGIDDLENKS KDS  
LVDIIGICKSYEDAT KITVRSNNREVAKRN IYLM DTSGKV VTATLWG EDADKFDGSRQPV LAI  
KGARVSDFGGRSLSVLSSSTIIANPDIPEAYKLRGWFDAEGQALDGVSISDLKSGGV GGSNTN  
WKTLYEVKSEN LGQGD KPDYFSSV ATVVYLRKENC MYQACPTQDCNKKVIDQQN GLYRCE  
KCDTEFPNFKYRMILSVNIADFQENQWVTCFQESAEAILGQNAAYLGE LKDKNEQAFEEVFQ  
NANFRSFIFRV RVKVETYNDESRIKATVMDVKPV DYREYGRRLVMSIRRS ALM

>DP00062|P19793|#1-130 #169-189 #202-206

MDTKHFLPLDFSTQVNSSLTSPTGRGSMAAPSLHPSLGPGIGSPGQLHSPISTLSSPINGMGPPF  
SVISSLPMGPHMSVPTTPTLGFSTGSPQLSSPMNPVSSSEDIKPPLGLNGVLKVPAPSGNMAS  
FTKHICAICGDRSSGKHYGVSCCEGCKGFFKRTVRKDLTYTCRDNKDCLIDKRQRNRQCQYCR  
YQKCLAMGMKREAVQEERQRGKDRNENEVESTSSANEDMPVERILEAELAVEPKTETYVEA  
NMGLNPSSPNPVTNICQAADKQLFTLVEWAKRIPHSELPLDDQVILLRAGWNELLIASFSH  
RSIAVKDGILLATGLHVHRNSAHSAGVGAIFDRVLTTELVSkmRDMQMdkTELGCLRAIVLFN  
PDSKGLSNPAEVEALREKVYASLEAYCKHYPEQPGRAFKLLRLPALRSIGLKCLEHLFFFK  
LIGDTPIDTFLMEMLEAPHQMT

>DP00063|P49799|#1-50 #179-205

MCKGLAGLPASCLRSAKDMKHRLGFLQQKSDSCEHSSHSKKDKVVTCQRVSQEEVKWA  
ESLENLINHECGLAAFKAFKLKSEYSEENIDFWISCEEYKKIKSPSKLSPKAKKIYNEFISVQATK  
EVNLDSCTREETSRNMLEPTITCFDEAQKKIFNLMEKDSYRRFLKSRFYLDLTPSSCGAEKQ  
KGAKSSADCTSLVPQCA

>DP00064|P03607|#1-64

MSGFLFHRTKPREIRAFVMATRLTKKQLAQAIQNTLPNPPRRRRAKRRAAQVPKPTQAGVS  
MAPIAQGTMVKLRPPMLRSSMDVTILSHCELSTELAVTVTIVVTSELVMPFTVGTWLRGVAQ  
NWSKYAWVAIRYTYLPSCPNTTSGAIHMGFQYDMADTLPVSVNQLSNLKGYVTGPVWEGQS  
GLCFVNNTKCPDTSRAITIALDTNEVSEKRYPFKTATDYATAVGVNANIGNILVPARLVTA  
MEGGSSKTAVENTGRLYASYTIRLIEPIAAALNL

>DP00065|O86488|#569-1123

MLNRENKTAIRKGMVSNRLNKFSIRKYTVGTASILVGTTLIFGLGNQEAKAAESTNKE  
LNEATTASDNQSSDKVDMQQLNQEDNTKNDNQKEMVSSQGNETTSNGNKLIEKESVQSTTG  
NKVEVSTAKSDEQASP  
KSTNEDLNTKQTISNQEALQPDLQENKS  
VVNVQPTNEENKKVDAKTEST  
TLNVKSDAIKSNDETLVDNNNSNSNNENNADIILPK  
STAPKRLNTRMRIA  
AVQPSSTEAKNVND  
LITSNTTLTVVDADKNNKIVPAQDYLSLKS  
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>DP00097|P10922|#1-30 #96-193

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>DP00098|Q53654|#164-173 #332-344

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SGFAEFEVQGRNLTQNTSDDKVATITSGNKSTNVTVHKSEAGTSSVFYYKTGDMLPEDTH  
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TVHNINANAGIEGTVKGELKVLKQDKDTKAPIANVKFKLSKKDGSVVKDQNQKEIEITDANGI  
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WEQTQVKPFIYFKLYKQDDNQNTTPVDKAEIKKLEDGTTKVTWSNLPENDKNGKAICYLV  
KEVNAQGEDTTPEGYTKKENGLVVTNTEKIETTSISGEKVWDDKDNQDGKRPEKSVNLL  
ANGEVKVTLVDVTSETNWKYEFKDLPKYDEGKIEYTVDHVKDYTTDINGTTITNKYTPGE  
TSATVTKNWDDNNNQDGKRPEIKAELYQDGKATGKTAILNESNNWHTHTWTGLDEAKGQ  
QVKYTVEELTKVKGYTTHVDNNDMGNLIVTNKYTPETTSISGEKVWDDKDNQDGKRPEKVS  
VNLLADGEVKVTLVDVTSETNWKYEFKDLPKYDEGKIEYTVDHVKDYTTDINGTTITNKY  
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TITNKYTPGETSATVTKNWDDNNNQDGKRPEIKAELYQDGKATGKTAILNESNNWHTWT  
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>DP00099|P50440|#38-63

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PGIVLSNPDRPCHQIDLFFKAGWTIITPPPTIIPDDHPLWMSSKWLSMNVLMLDEKRMVDAN  
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>DP00100|P0A6H5|#175-209

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KPSDLIPELQGRLPIRVELQALTSDFERILTEPNASITVQYKALMATEGVNIEFTDSGIKRIA  
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L

>DP00101|P12493|#449-462 #468-481 #494-500

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PSSQ

>DP00102|P10587|#200-217 #406-415 #452-457 #573-577 #627-656

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FIRINFDTGYIVGANIETYLLLEKSRAIRQAKDERTFHIFYLIAGASEQMRNDLLEGFNNYTF  
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QSKSQLDKTEFCILHYAGKVTYNASAWLTKNMPLNDNVTSLNQSSDKFVADLWKDVD  
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DLQEDLESEKAARNKAEKQKRDSEELEALKTELEDTLDTTATQQELRAKREQEVTVLKRAL  
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TARENNEKKAKNLEAEIQLQEDLAAAERARKQADLEKEEMAELASANSGRTLSQDEKRR  
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ELRSKLQEMEGAVKSFKSTIAALEAKIASLEEQLQEQAREKQAAKTLRQDKKLKDALLQ  
VEDERKQAEQYKDQAEKGNLRLKQLRQLEEAEEESQRINANRRKLQRELDEATESNDALG  
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>DP00103|P09372|#1-32 #108-115

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LKSMLDVVRKFGVEVIAETVPLDPNVHQAIAMVESDDVAPGNVLGIMQKGYTNGRTIRA  
AMVTVAKAKA

>DP00104|P32773|#1-10 #88-105 #210-240

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NSGATLNTNTSGNTNADVTSQPKIEVKPEIELTINNANITTVENIDDESEKKDDEEKEEDVEKT  
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>DP00107|P69924|#342-376

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>DP00108|P07598|#398-421

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TTGKMLAALQKLGFAHCWDTEFTADVTIWEEGSEFVERLTKSDMPLPQFTSCCPGWQKYA  
ETYYPELLPHFSTCKSPGMNGALAKTYGAERMKYDPKQVYTVSIMPCIAKKYEGLRPELKSS  
GMRDIDATLTTRELAYMIKKAGIDFAKLPDGKRDLSMGESTGGATIFGVTGGVMEAALRFAY  
EAVTGKKPDSWDFKAVRGLDGKEATVNVGGTDVKVAVVHGAKRFKQVCDDVKAGKSPY  
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>DP00110|P40881|#1-37

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NIVEVDGKEYAVYIGNNVS LAHQS QVHGPAAVGDDTFIGMQAFVFKSKVGNNCVLEPRSAAI  
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>DP00111|P27577|#29-49 #244-301

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LWEHLEILQKEDVKPYQVNGANPTYPE SCYTSDYFIS YGIEHAQCVP PSEFSEPSFITESYQT LH  
PISSEELLSLK YENDYPSV ILQDPLQ TD LQ TDYFAIKQEV LTPDNMCLGRASRGKLGGQDSFE  
SVESYDSCDRLTQ SWSSQSSFNSLQRVPSYDSFDYEDYPAALPNHKPKGT FKDYVRDRADLN  
KDKPVIPAA ALAG YTGS GPQLWQFLLELLTDKSCQSFISWTGDGWEFKLSDPDEVARRWGK  
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>DP00112|P22239|#1-155

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DQQQYGT AATHGQAQQHEKKGIMD KIKEKL PGHQH

>DP00113|P31109|#1-93

MSSSTPFDPYALSEHDEERPQNVQSKSRTAELQAEIDDTVGIMRD NINKVAERGERL TSIEDK  
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>DP00117|P60058|#4-22 #23-28 #29-39

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>DP00118|P05059|#1-449

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SKDAAEKRDDFKEVEKSDEDSDGDRPQASPLGP GP KVEEDNQAPGEEEAPSNAHPLASLP  
SPKYPGPQAKEDSEGPSQGPASREKGLSAEQRQTEREEEEEK WEEAEAREKAVPEEESPPTA  
AFKPPPSLGNKETQRAAPGW PEDGAGK MGAE EAKPPEGKGEWAHSRQEEEEMARAPQVLF  
RGGKSGEPEQEEQLSKEWEDAKRWSKMDQLAKELTAEKRL EGEEEEEDPDRSMRLSFRAR  
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>DP00120|P12957|#636-771

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VPSRREVNNVEENEITGKEEKVETRQGRCEIEETETVTKSYQRNNWRQDGEEEGKKEEKDSE  
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QKSGMKPAHTTAVVSKIDSRLEQYTSAVVGNAKPKPAASDLPVPAEGVRNIKSMWEKG  
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>DP00123|P01730|#398-458

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TANSUTHLLQGSQLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELQDSGTWTCTVLQ  
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WITFDLNKEVSVKRTQDPKLQMGKKLPLHLPQALPQYAGSGNLTLALEAKTGKLHQE  
VNLVVVMRATQLQKNLTCEVWGPTSPKLMMLSLKLENKEAKVSKREKAWWVLNPEAGMWQC  
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>DP00125|P63292|#30-60

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>DP00128|P40357|#401-651

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HSSRQQQQQQWFMD EQQQQQQHFNATNNQYGDQRGYKT FEEIQKEEARQQQEDEA VDE  
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ADEKVAELKKLNRSLAVHVSNPNSKRRREREQLKNRKIEEKL MREQTSQQLSQSTQRIE  
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>DP00129|Q04207|#295-304

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>DP00130|P22531|#1-20 #48-72

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>DP00132|P07221|#1-395

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>DP00133|P03422|#1-300 #358-375

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DSIMVQSGLDGDSTLSGGDNESENSDVEDIGEPDTEGYAITDRGSAPISMGRASDVETAEGGEI  
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ARKSPSEPGAPAGNVPECVSNAALIQEWTPESGTISPRSQNNEEGGDYYDDELFSDVQDI  
KTALAKIHEDNQKIIKLESLLLKGEVESIKKQINRQNISISTLEGHLSSIMIAIPGLKDPNDPT  
ADVEINPDLKPIGRDSGRALAEVLKKPVASRQLQGMTNGRTSSRGQLKEFQLKPIGKKMSS  
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>DP00134|Q06787|#200-208 #281-422 #516-632

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TFHKIKLDVPEDLRQMCAKEAAHKDFKAVGAFSVTYDPENYQLVILSINEVTSKRAHMLID  
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DGQQPLVNGVP

>DP00135|P10961|#1-167

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VHRNIDEQDARLQNLENMVHILSPGYPNKSNNKTSSTNTNSMESAVNVNSPGFNLQDYLT  
GESNSPNSVHSVPSNGSGSTPLMPNDNDTEHASTSVNQGENGSGLTPFLTVDHTLNDNNTS  
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NDHRLPKRAKK

>DP00136|P15865|#1-30 #31-119 #120-217

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>DP00138|P12272|#9-15 #28-34

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>DP00140|P0A7L8#1-85

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>DP00141|O95405|#663-751

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>DP00142|P14602|#192-209

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>DP00144|Q9VAN6|#1-27 #58-65 #76-90 #97-175

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>DP00145|P0A7S3|#1-27

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>DP00159|P09803|#812-884

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>DP00160|P04851|#400-523

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>DP00161|P77173|#86-185

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>DP00164|P05318|#1-106

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>DP00167|P10114|#32-36 #45-55

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>DP00169|P32882|#432-445

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>DP00171|P04049|#255-260 #618-625

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>DP00172|Q16633|#38-44

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>DP00173|O00273|#1-116

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>DP00174|P16949|#1-149

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>DP00175|Q9NQB0|#1-56

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>DP00177|Q9Y5B0|#879-961

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>DP00180|P19972#29-42 #208-222

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>DP00181|P08775#1529-1959

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EEN

>DP00182|P03087|#1-13 #96-106 #344-362

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>DP00184|P11473|#16-164

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>DP00186|Q95V77|#1-143

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>DP00187|P04273|#23-106 #90-126 #138-143 #165-171

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>DP00189|P04324|#1-15 #23-36 #42-57

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>DP00190|P38038|#52-224

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>DP00191|P00747|#275-364

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>DP00226|Q9CXW3|#48-77 #178-229

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>DP00345|P16535|#884-953

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>DP00347|P04972|#1-87

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>DP00358|Q15185|#123-160

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>DP00379|P22868|#99-107 #131-146 #163-172

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>DP00392|Q09161|#1-26 #527-537 #671-684 #684-688

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VYLVRFLSDLVNCHVIAAPSMVAMFENFVSVTQEEDVPQVRRDWYVY AFLSSLPWVGKELY  
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DCLSQDPESPCKPKFVREVLKCMRLSYHQRIIDIVPPTFSALCPANPTCIKYGDESSNSLPGH  
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FSALAKFHEVFKTLAESDEGKLHVLRVMFEVWRNHPQMIAVLVDKMIRTQIVDCAAVANWI  
FSSELSRDFTRLFWEILHSTIRKMNKHVLKIQKELEEAKEKLARQHKRRSDDDRSSDRKDG  
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>DP00393|P52298|#1-21 #22-37 #121-156

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>DP00395|P40136|#578-591 #623-659

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SRGEKVPFASRFVFEKKRETPKLIINIKDYAINSEQSKEVYYEIGKGISLDIISKDKSLDPEFLNLI  
KSLSDSDSSDLLFSQKFKEKLENNKSIDINFIKENLTEFQHAFSLAFSYYFAPDHRTVLEYA  
PDMFEYMNKLEKGFFEKISESLKKEGVKEKDRIDVLKGEKALKASGLVPEHADAFKKIARELN  
TYILFRPVNLATNLIKSGVATKGLNVHGKSSDWGPVAGYIPFDQDLSKKHGQQLAVEKGNL  
ENKKSITEHEGEIGKIPLKLDHRLIEELKENGIIKGKEIDNGKKYLLNESNNQVYEFRISDEN  
NEVQYKTKEGKITVLGEKFNWRNIEVMAKNVEGLKPLTADYDLFALAPSLTEIKKQIPQKE  
WDKVVNTPNSLEKQKGVTNLLIKYGIERKPDSTKGTLSNWQKQMLDRNEAVKYTGTTGG  
DVVNHGTEQDNEEFPEKDNEIFIINPEGEFILTKNWEMTGRFIEKNITGKDYL YYFNRSYNKIA  
PGNKAYIEWTDPITKAKINTIPTSAEFIKNLSSIRRSSNVGYKDSDKDEFAKKESVKKIAGY  
LSDYYNSANHIFSQEKKRKISIFRGIQAYNEIENVLKSKQIAPEYKNYFQYLKERITNQVQLLLT  
HQKSNI EFKLLYKQLNFTENETDNFEVFQKII DEK

>DP00396|O74718|#196-214 #280-307 #325-335

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TSAPKSTKPIISLGGTAKPTTKPAAPAAQSKTETPAPKVTSESTKETAAPPPQETPTKSADA  
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QGINHLVVVINKMDEPSVQWSEERYKECVDKLSMFLRRVAGYNSKTDVKYMPVSAYTGQN  
VKDRV DSSCPWYQGPSLLEYLDSMTHLERKVNAPFIMPIASKYKDLGTILEGKIEAGSIKKN  
SNVLVMPINQTLLEVTAIYDEADEEISSSICGDQVRLVRGDDSDVQTGYVLTSTKNPVHATTR  
FIAQIAILELPSILTTGYSCVMHIHTAVEEVSAKLLHKL DKTNRKSKPPMFATKGMKIIAELE  
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>DP00397|Q9ES89|#275-285

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IYSYGGFELQTPGPNGDQYSMVLIGASFFNSKYLELFQKQPAAVHALIDETQNCDIAMNFL  
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>DP00398|P07342|#580-595 #647-687

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RFDDRVGNISKFAPEARAAAEGRGGIHFEVSPKNINKVVQTQIAVEGDATTNLGKMMSKI  
FPVKERSEWFAQINKWKEYPYAYMEETPGSKIKPQTVIKKLSKVANDTGRHVITVGQH  
QMWAQHWTWRNPHTFITSGLGTMGYGLPAAIGAQVKPESLVIDIDGDASFNMTEL  
SAVQAGTPVKILILNNEEQGMVTQWQSLFYEHRYSHTHQLNPDFIKLAEAMGLKGLRVKKQ  
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>DP00399|P50097|#102-221 #314-324 #413-431 #484-503

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WEKKLNALPIIDDDQHLRYIVFRKDYDRSQVCHNELVDSQKRYLVGAGINTRDFRERVPALV  
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GGSICITREQKGIGRGQATAVIDVVAERNKYFEETGIYIPVCSDDGGIVYDYHMTLALAMGADF  
IMLGRYFARFEEPTRKVTINGSVMKEYWGEGRARNWQRYDLGGKQKLSFEEGVDSYVP  
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HPK

>DP00400|P60752|#351-358 #378-386

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LLSRITYDSEQVASSSSGALITVREGASIIGLFIMMFYYSWQLSIIILIVLAPIVSIAIRVVSKRFR  
NISKNMQNTMGQVTTSAEQLKGKHEVLFQEVETKRFDKVSNRMRLQGMKMSASSIS  
DPIIQLIASLALAFVLYAASFPSVMDSLTAGTITVVFSSMIALMRPLKSLTNVNAQFQRGMAAC  
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TEQYSREQIEEAARMAYAMDFINKMDNGLDTVIGENGVLLSGGQRQRIAIARALLRDSPILIL  
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>DP00404|O00204|#13-26

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IQTKAFFSSKAKVIYMGRNPRDVVVSLYHYSKIAQQLKDPGTPDQFLRDFLKGEVQFGSWFDHI  
KGWLRMKKGKDNFLFITYEELQQDLQGSVERICGFLGRPLGKEALGSVVAHSTFSAMKANTM  
SNYTLPPSLLDHRRGAFLRKGVCGDWKNHFTVAQSEAFDRAYRKQMRGBMPTFPWDEDPEE  
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>DP00407|P07363|#124-158 #228-257

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QLALEAKGETPSAVTRLSVVAKSEPQDEQSRSQSPRIILSRKAGEVDLLEELGHLTTLTDV  
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KTTRSNESTSIRVAVEKVDQLINLVGELVITQSMLAQRSSELDPVNHGDLITSMGQLQRNARD  
LQESVMSIRMMMPMEYVFSRYPRLVRDLAGKLGKVTLVGSSTELDKSLIERIIDLTHLVR  
NSLDHGIELPEKRLAAGKNSVGNLILSAEHQGGNICIEVTDDGAGLNRRERILAKAASQGLTVS  
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SVALIVDVSAHQAINREQRMANAA

>DP00412|P0A6G1|#17-31

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>DP00414|P0ABS1|#1-6 #17-33 #71-75

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>DP00415|P0ABE0|#49-76

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>DP00418|P78504|#1094-1218

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FAWPRS Y TLL VEAWDSSNDTVQPD SII EKA SHSGM INPSRQ WQ TLK QNTGVAHF EY QIRVTC  
DDYY YFGCNKFCR PRDFFGHYACDQNGN KTC MEGWMGPECNRAICRQGCSPKGSCKL  
PGDCRCQY GWQ GLYCDK CIP PGCV HGI CNEPWQ CLC ETNW GGQ LCD KDL NY CG TH QP CL  
NGG TSNTGP DKYQC SCPEG YSGP NCEIA EHAC LSP CHN RGSC KET SLG F ECEC SPG WT GPT  
CSTNIDDCSPNNCSHGGTCQDLVNGFKCVCPPWTGKTCQLDANECEAKPCVNAKSKNLI  
ASYYCDCLPGWMQNC DININDCLGQCQNDASC RD LVNGYRCICPPGYAGDH CERDIDECA  
SNPCLNGGH CQNEINRFQCLCP TGFS GNLC QL DIDYCEPNPCQNGAQC YN RASDYFCKCPED  
YE GKNC SHLK DH CR TT PC EVIDS CTVAMASNDTPEGVRYISSN VCGPHGKCKSQGGKFTCD  
CNKGFTGTYCHENINDCESNPCRNGGT CIDGVNSYKCICSDGWE GAYCETNINDCSQNPCHN  
GGTCRD LVNDFYCDCKNGWKGK TCHSRD SQC DEATC NNGGTCYDEGDAFKCMCPGGWEG  
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GDNWYRCEAPGFAGPDCRININECQSSPCAFGATC VDEINGYRCVCPG HSGAKCQE VSGR  
PCITMGSVIPDGAKWDDDCNTCQLNGRIACSKVWCGRPCLLHKGHSECPSGQSCIPI LDQ  
CFVHPCTGVGE RSSL LQP VTKT CS DS YYQD NC AN ITFT FN KEMMSPGLTTEHICSELRN LNI  
LKNVSAEY SIYIA CEPS SAN EI HV AISA ED IR DDG NPI KEITD KI IDL VSK RDGN SS LIA A VAE  
VRVQRPLKNRTDFLVPLLSSVLTVAWICCLVTAFYWCLR KRRKPGSHT HSASEDNTTNNVR  
EQLNQIKNPIEKHGANTVPIKDYENKNSKMSKIRTHN SEVE EDDMDK HQQKARFAK QPAY TL  
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>DP00419|P03176|#1-45 #148-152 #265-278

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AQITMGMPYAVTDAVLAPHIGGEAGSSHAPPALTIFDRHPIAALLCYPARYLMGSMPQ  
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LQCGGSWREDWGQLSGTAVPPQGAEPQSAGPRPHIGDTLFTLFRAPELLAPNGDLYNVFA  
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>DP00420|Q96T21|#1-600 #776-854

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GDDQFPEQAELSGPEGMDELISTPSVEDKSEEPGPTELQRDTEASHLAPNHTTFPKIHSRRFRD  
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>DP00421|P07516|#1-202

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>DP00422|P0A6R3|#1-23

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>DP00423|P53551|#166-258

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KEVSPKPKQAATSVSATASKAKAASTKLAPKKVVKKSPVTAKKASSPSSLTYKEMILKSM  
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>DP00424|P04325|#34-50 #62-116

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>DP00427|P0AFG8|#1-55 #401-413 #541-557

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ARNEQDGGLVYFQGHISPGVYARAFLEGRLTQEQLDNFRQEvhGNGLSSYPHPKLMPEFW  
QFPTVSMGLGPIGAIYQAKFLKYLEHRLKDTSKQTVY AFLGDGEMDEPESKGAITIATREKL  
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VRALNVMLKNKSIKDRLVPIIADEARTFGMEGLFRQIGIYSPNGQQYTPQDREQVAYYKEDE

KGQILQEGINELGAGCSWLAATSYSTNNLPMIPFYIYYSMFGFQRIGDLCWAAGDQQARGF  
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>DP00428|P53350|#488-507

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>DP00429|P32170|#49-63

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ATSRQTALCLDAGHFHPTEVISDKISAAMLYVPQLLHVSRPVRWDSDHVVLDDETQAIAS  
EIVRHDLFDRVHIGLDFFDASINRIAAWVIGTRNMKKALLRALLEPTAELRKLEAGDYTARL  
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>DP00432|P11632|#1-23

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>DP00434|Q9SQZ9|#2-12 #42-49 #54-59 #79-84 #95-104 #127-131

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>DP00435|Q01853|#1-15 #469-482 #610-615 #703-726 #736-806

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TGNLFEVYLKPYFLEAYRPIRKGDIFLVRGGMRAVEFKVVEDPSPYCIVAPDTVIHCEGEPIK  
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VERRIVSQLTLMGLKQRAHVIVMAATNRPNIDPALRRFGRFDREVDIGIPDATGRLEILQI  
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>DP00436|P50477|#1-45 #228-244 #427-445

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TFY

>DP00437|P43351|#1-23

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>DP00443|Q14191|#949-954 #1069-1092 #1147-1151 #1227-1235

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>DP00669|P81019|#26-96

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3DP00672|092886|#90-150

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>DP00690|Q91WR5|#1-6 #222-226

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>DP00696|Q9Y258|#1-9

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>DP00697|Q9IK92|#400-532

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>DP00698|O89339|#400-532

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>DP00707|Q9UER7|#347-420

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>DP00708|O35613|#566-739

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>DP00709|Q9Y3M2|#1-63 #102-126

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>DP00712|Q9UGL1|#115-129 #159-165 #188-199

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>DP00716|P02545|#386-664

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>DP00717|P35521|#75-85 #93-115

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>DP00718|P37231|#9-111 #112-174 #175-211 #238-278 #279-298 #443-452 #453-477

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>DP00990|P12355|#1-77

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>DP00991|P0AAC0|#269-282

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>DP00992|P27356|#1-35 #127-138

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>DP00993|Q9I332|#1-253

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>DP00994|P39015|#1-8 #85-121 #142-168 #177-273

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>DP00995|P01097|#28-50

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>DP00996|Q9WZ73|#38-48 #86-92 #109-141

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>DP00997|P0A4T9|#164-253

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>DP00998|Q05127|#20-48

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>DP00999|P03315|#119-260

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>DP01001|B8YB65|#1-32 #83-104

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>DP01002|O87120|#1-70

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>DP01003|O12161|#1-101

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>DP01004|Q9KJ82|#1-32

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>DP01005|Q8PMB6|#15-33 #70-82 #99-131

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>DP01009|P97303|#331-520

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>DP01010|P51177|#2-18 #132-144 #191-204

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>DP01012|P27392|#57-93

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>DP01013|P68927|#51-72

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>DP01014|O94742|#1-89

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>DP01015|Q83AR4|#132-188

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>DP01017|P56254|#72-88

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>DP01022|Q6URW6|#1954-2000

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>DP01023|Q01101|#1-20

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>DP01024|P27708|#1994-2003 #2148-2163

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>DP01026|A5YV76#1975-1990 #2188-2212

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>DP01135|P40019|#1-153

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>DP01136|P22470|#1-164 #281-610

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>DP01137|Q6FI81|#173-266

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>DP01139|A0A0G2JXC5|#85-116 #129-160 #173-204

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>DP01140|P38293|#1-148

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>DP01141|P70604|#396-424 #436-487

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>DP01142|O92972|#191-447

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>DP01144|P0800#1-100

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>DP01146|O34800#1-56

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>DP01147|Q9I322#1-81

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>DP01150|P03255|#1-139

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>DP01151|P03259|#1-266

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>DP01152|Q9JK11|#544-725

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>DP01154|P19594|#22-64

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>DP01155|O66858|#1-60

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>DP01156|P07305|#1-22 #105-194

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>DP01159|A6NF83|#1-97

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>DP01161|Q9UMS4|#169-194

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>DP01162|Q96SD1|#480-575

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>DP01163|O14974|#1-40

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>DP01164|Q13625|#693-918

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>DP01165|Q9HAN9|#109-146

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>DP01166|O30916|#1-168 #171-181

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>DP01167|P02730|#1-54

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>DP01168|F9UST4|#126-147

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>DP01169|P24255|#1-105

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>DP01170|O00268|#408-838

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>DP01171|P42768|#201-268

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>DP01173|Q15726|#20-138

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>DP01174|O43474|#1-130

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>DP01175|P28235|#233-333

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>DP01176|P08033|#217-283

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>DP01180|Q8RY59|#468-509 #568-589

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>DP01181|P56621|#2-30

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>DP01183|Q9R224|#1-55 #70-128

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>DP01184|O96013|#9-68

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>DP01185|P46669|#95-111

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>DP01189|P53874|#1-359 #730-792

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>DP01192|P55036|#246-256 #270-282

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PVLHFEKVCSTLKKNAKRNPKVDRMLEKIIARGNFRLQNIIGRMGLECVDILSELFRRGL  
RHVLATILAQLSDMDLINVSKVSTTWKIKLEDDKGAFQLYSKAIQRVTENNKFSPHASTREY  
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>DP01451|Q9UBU9|#96-117 #102-118

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>DP01452|Q13042|#94-126 #96-123 #96-126 #528-620 #534-620

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MGNFENAVDYFHTALGLRDDTSVTMLGHCIEMYIGDSEAYIGADIJKLKYDFDVHTM  
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>DP01453|Q8NHZ8|#26-85

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>DP01454|P60006|#57-121

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>DP01455|Q96DE5|#1-51

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>DP01456|Q01081|#38-152

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>DP01457|Q92973|#319-371

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>DP01458|Q9Y3B4|#1-20 #100-125

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>DP01459|P41352|#427-443

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>DP01460|P41351|#431-449

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AE GE GEE EGY

>DP01461|Q13188|#314-427

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>DP01462|O60563|#252-261

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>DP01464|P28229|#265-332 #362-396

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>DP01465|Q8IW19#399-420 #450-511

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>DP01466|A4L712#1658-1856

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>DP01518|P26367|#1-130

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>DP01559|Q04964|#1-104

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>DP01560|Q9UMR2|#55-91

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>DP01561|P08235|#1-169 #247-385

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>DP01562|Q9Z1X4|#55-86 #341-353 #468-518

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RP01569|P34021-2|#2-226

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>DP01603|Q96IZ0##59-77 #62-77 #62-81

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>DP01605|P19339##158-167 #201-211 #243-253

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>DP01608|Q9Y6H6|#1-10 #31-56

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>DP01612|O88597|#124-150

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>DP01615|P03126|#1-10 #148-158

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>DP01620|P20823|#182-200

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>DP01622|Q06609|#1-15 #86-114 #270-287

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>DP01623|Q03834|#1-304

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>DP01935|P83731|#123-157 #125-157

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>DP01937|Q9EPH0|#564-636

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>DP01938|P11021|#1-24 #634-654

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>DP0207|Q9H2Y7#1265-1521

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>DP0209|O75683|#1-182

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>DP02012|Q9Z8L4|#1-94 #386-399

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>DP02015|P52272|#41-70

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>DP02016|Q9RSK0|#1-36

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>DP02017|A0A0H3LBR3|#81-99

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>DP02033|P32504|#1-43 #97-108 #168-182

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>DP02034|P62805|#2-25

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>DP02157|P35729|#30-52

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>DP02158|P36161|#1-55

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>DP02159|P32566|#340-505

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>DP02160|P61328-2|#145-181

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>DP02162|P16050|#22-162

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>DP02163|Q02388|#1940-1978

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>DP02168|Q72J05|#304-319

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>DP02170|O15234|#195-215 #198-213

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>DP02173|Q9BS26|#328-358 #351-372

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>DP02191|P51965|#1-40

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>DP02192|O00571|#1-167

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>DP02193|P21734|#150-172

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>DP02194|P68466|#83-94 #116-128 #118-127

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>DP02195|P53136|#434-463

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>DP02196|P37455|#107-171

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>DP02197|P0ADV9|#24-58

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>DP02203|Q9Q6P4|#899-919

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>DP02226|P24385|#1-24

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>DP02227|Q02821|#510-530

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>DP02231|Q99958|#134-144

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>DP02234|P08476|#359-386

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>DP02247|P10721|#544-565

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>DP02249|P38862|#618-630

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>DP02251|P68363|#416-447

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>DP02256|P26554|#141-151

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>DP02258|Q9JLC3|#1-18 #31-44 #105-116

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>DP02261|P13848|#79-97 #83-98

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>DP02269|Q9Y6K9|#1-43

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>DP02290|Q92905|#284-295

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>DP02291|P04486|#412-490 #456-490

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>DP02292|Q96PU5|#400-480

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>DP02294|P63165|#1-18 #2-18

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>DP02295|Q05471|#599-627 #605-614

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