

34877986.m|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 16
VEYRSITSSKPLNLCPPTPSSE-SYPSVSGPLVRRGSEPNFCPLHIWPSGEHGVALAPSRYKVARSVSMPPI
34877978.m VEYSSITSNFIDLCPTPSHE-SYSSVSGLPVRRGIEPNCPLHIWPSGEHGVALAPSRYKVARSVSMPPI
28499849.m LEHTSTISAKPVDQCPPTPPSPPAHCISLSSLKKRRASEPNSLLHIOPSGEHRVVLALSGHKVARSVSMPPI
28510575.m LEHTSTISAKPVDQCPPTPPSPPAHCISLSSLKKRRASEPNSLLHIOPSGEHRVVLALSGHKVARSVSMPPI
27369690.m LEHTSIISAKPVDQCPPTPPSPPAHCISLSSLKKRRASEPNSLLHIOPSGEHRVSLALSGHKVARSVSMPPI
27687811.m IELGSPITSAKPVDQCPPTPPSPPAHCISLSSLKKRRASEPNSLLHIOPSGEHRVSLALSGHKVARSVSMPPI
34862896.m IEHGTTSMDMVDQGELPPSP-AHPTISGLPLKRRASEPNSLLHIOPSGEHRVSLALSGHKVARSVSMPPI
27666308.m YDLASITPTKFQDFCPFFFFP-AHPSVFGPLLRRRASEPNFGLLHQRQSPREQNFDLILSGLNGRCVSMPPI
27717755.m YDLASITPTKFQDFCPFFFFP-AHPSIPLRLRRASEPNSLLHIOPSGEHRVSLALSGLNGRCVSMPPI
34862890.m YDLGYITPAKPGDCPFFFFP-AHPSVFVPLLRRRASEPPIFG-HHPPSREQNFQLDILLSGKMSRCVSMPPI
34862886.m YDLGYITPAKPGDCPFFFFP-AHPSVFVPLLRRRASEPPIFG-HHPPSREQNFQLDILLSGKMSRCVSMPPI
34862918.m FDVGYITPAKPGDCPFFFFP-AHPSVFVPLLRRRASEPPIFG-HHPPSREQNFQLDILSGKMSRCVSMPPI
34862900.m VEIGSITPAKPGDCPFFFFP-AHPSVFVPLLRRRASEPNFGLLHQRQSPREQNFQASLTLGKMSRCVSMPPI
29243962.m DSHQQVEKWPWANNLSCGVLPFPHLKRRAESTFSTCTEARSKSHQDENITERRSKCINSPLTQN
27370172.m
38082619.m DSHQQAKHWANSSPGCALIPLHLKRSSEPTLSTCTEVKRKRQDVGVERROKSCRNYPMFIKYKTCERMPCSYDPVPESDALTADVTINATGDIAVNKDSMSMLGEHVSPVAQDETSTGFNMGFYAEEPFVWEISSDEPHVGIAPGSRSLKVELLNQSLERHNIIVRFFHMIDTLKTTY
34874649.m DSHQQVEKWPWANSSPAGALSLLPKRRASEPVPSTRIEACKSHQEDGVEERGESCRYPMLYKVS-
38075170.m WENKTTKKPDFRLCDMLRSTEPTIKNQTAVRASSVTHSTFSLPNESESLEKGKRTMHSMPTRNCFN-EETTPL
38348544.m WENKTTKKPDFRLCDMLRSTEPTIKNQTSVRASSVTHSTFSLPNESESLEKGKRTMHSMPTRNCFN-EETTPL
38075168.m WENKTTKKPDFRLCDMLRSTEPTIKNQTAVRASSVTHSTFSLPNESESLEKGKRTMHSMPTRNCFN-EETTPL
34879150.m SEDKSICKPHTOCAQTLKSTGSSLPPTFYLPSKLESLNKEKRTMHSMPTRNCFN-EETTPL
38082032.m GEQAEDTDQSRRAQSQSLTHVKASFRVDAFTGTSFLDVLLNHLLSSGYVERQIEHGGKVVENKGGEHCYQQ-
QIRGNPVS
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34874060.m DGGKHQKMPVQHVAMTPVGQPPASHLLKKRAGSEASALNIFTLTARCHDSNAKLRRDKCKSPSMPPDILCCQHM
20894965.m DNNAHKVKLMPSPSTDVPTDPVFLKRLGKDKPDNSTASAKDQSHNDKLVW-KNSKNHSMDAVLCCQHM
34855938.m PQFVHDGGQSGTLDPREAN-LSWP1RRTVSPASLVEFTSYHSEVPAETTSLLFASSQTSTFESRHAVESS
34859402.m PQFVHDGGHSGTLDPRREATN-MLWPIRVRVKGEIJKQ-EGGQH
34859386.m PQFVHDGGHSGTLDPREDTN-LSRSVRRVESSEASMCLVP-HFGQGYLAMCK
34859410.m LQLYHDGGQGGSLDPAQPARRLTSAFNRPFLSHLTSQDG-RKGSGDANEAS
38348502.m
34876499.m VCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHDDVGYQQTINTLHDL
34876497.m VCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHAEVGYQQTINTVHDL
34877474.m LCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDDQRNKRKVRRHAEVGYQQTINTLQDL
34876489.m VCTHHQVEPG-LEELLHSFIRFLKRGQPLSSFTLSSHSSNIREEDQRNKRKLNSRITGCKSGRH-
34876493.m
34876491.m VCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHAEVGYQQTINTVQDL
34876503.m VCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHAEVGYQQTINTVQDL
34876495.m VCTHHQVEPG-VEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHAEVGYQQTINTVQDL
34877704.m VCTHHQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREPKEDQRNKRKVRRHAEVGYQQTINTLQEL
34876501.m VCTHYQVEPG-LEDLHSFIRFLKRGQPLSSFTLSSHSSNIREKDQRNKRKVRRHAEVGYQQTINTVQDL
34877482.m
34877478.m
38087631.m
38087633.m
38087625.m
38085939.m
38087640.m
38087629.m
27675346.m ETVRNTL-
2phk_A
1kwp_A RALEAAALAH-
1jkk_A

1800 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790
34877986.m|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790
VDCINKKSSTFSCYLHSGHGS
34877978.m|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790
VDCINKKSSTFSCYLHSGHGS
28499849.m LHYPEKKSNSSSFALHSGAVA
28510575.m LHYEKKSNSSSFALHSGAVA
27369690.m LHYEKKSNSSSFALHSGAVA
27687811.m PDCINKKNSASIRALYHSGPVA
34862896.m LYG1KKONSTSTSALHSPVVA
27666308.m VVY1KKORSTSTRALHSRPVVA
27717755.m VVY1KKORSTSTRALHSRPVVA
34862890.m VYY1KKERSTSTRALHSRPVVA
34862886.m VYY1KKERSTSTRALHSRPVVA
34862918.m VYY1KKERSTSTRALHSRPVVA

34876501.m KTVLSCSLTEHIQSP -RLQTYTSTADRNVSFIPPHDFCASFQTPKGISLAGCGDTWORETLVDKNTFIKEEAMVHEDTITSGQPQVCPASRRGWRHHWNFGKKTISRSLRNLCCLPPPSENQVSCNNLALRKRGHFSPTGPGLSRLGRAVHTTARSLQPPRRR -RDRCYEQSQKNNLMMEE
34877482.m
34877478.m
38087631.m
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2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190

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34862890.m

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34862918.m SDVWSLGVLVLYFFFYGILPFRGKTINDVEERITGTYTIPPTHLSQLENLTHQILRVSPDMRPSVEEIENHPWIKKCEFKILEKTDPDYKXEMLCAMYKAKDILES LQKRYVDEPMGAYLSLKDHVSKGFDVGYITPAKPGDP CPPPPSPAPSVFGLPLRRRASEP IFGLHHRPPS REQNPDLILSGLKMSRCVS
34862900.m QLQQVEQKANIKPERIGLPSETKIIKASSKDAIKLDSVSPTANGHFKQSAEKLTEKKGAVEALGA5LTHSGATLVDCASLLIKCPAGFTVMIILXCSVEMP KISYAX
29243962.m
27370172.m
38082619.m
34874649.m
38075170.m CCLPIEKR VHEPTNNRDLAVSQKSQGGSHG -IRAFRGTVLPEK
38348544.m CCLPIERR VHEPTNNRDLAVSQKSQGGSHG -IRAFRGTVLPEK
38075168.m
34879150.m CCLPIQKSTWRHRAPCKIPEHEDQFAERTDRHRRREPGSASHGVVKVRILHHSILKMDNSFCILLINSVGFDHGCGWFFNCACQLRCPIGLRNAENKVTTMACMSSRTQALQDFPGMLSEDSWEDIQQGTEPETSYIFVVQRAGEVPGALHSGSKINTQVMPCCSHGECTWLTLGDLSKTPCSQVSFMEEAPEISRKVAPE
38082032.m RGCCVNEFG KTDLMATVLAQSLAANVGLI5D -KKKLASGECKCEDTWSCGIMGDIGYYLPKKFTCNVBEYHDFLNSG -GGACLFNPKPSKLLDPECCNGRFIETG -EE
1ia_A
38074539.m IVVPEPNNAVYN -KLAVER
34874060.m PGPEMETDGVSVILLPVATSVFVGFQSHESPTLSDPFSLGPRILEGAPWHTEMLLQLLPQETAKMDRFNSPTILPDETMVPTMDGSCSHSTGILKTLGTCNFAQVHLHTRKMVALKTLERDKKNATLISSTELEMKLVDHNITKLFHVMESETEHVCVMVMEYAPGDDLAGRIIEVSYIQEEEARHIFTQIVC
20894965.m MVSKAVSCGPVHYDHR
QLLSSSLQKRDMS
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34859386.m
34859410.m
38348502.m
34876499.m TVLFMQSQRQPMTFDPAQQRITGHNEWPDEWTVGPFGTHLD
34876497.m L'RQ'RTFDAAGQRITGHNEWPDEWTVGPFGTHLD
34877474.m IVFFFMQCSRQ'RTFDPAQQRITGHIEWPDEWTVGPFGTYLD
34877489.m TVFFFMQCSRQ'RTFDPAQQRITGHNEWPDEWTLGPFGTHLD
34876493.m
34876491.m IG VALAHDSSFRPP -LEYAFHWINLPRLLPLT
34876503.m
34876495.m LSEALPSWAEMSSVRSQGVLQRTVVMDGHTKGKILLNLQESWETrSSHFQLHHWPLQALQYM
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34876501.m IG VALAHDSSFRPP -LEYAFHWINLPRLLPLT
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34874649.m
38075170.m
38348544.m
38075168.m
34879150.m
38082032.m
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38074539.m
34874060.m **EKRNTIVASRGTSPEPTAEDMDVLSSEYHIFQMDPQGESELTKCSSLKSYIHSIAEWWSSEERPKDMATTDCCHHKDRSLSQETSEPSFAAAQTQHRLPEYPICKHVDAAGNSKLCDPGMATKLTKGQVMGKLGSSLYLTPDTLTIVLLAVFDFGSIEETFFALYHLDKHKGGKWEDEGRSSVTCWKCVALGNIKWVLNVANPSEL**
20894965.m **QKRNTLARDVSSGTVSSSEMGLSSEYHIFQEDPQDESLSQETSEPHFASASPQNP-----GSSSVDESEKSSQCIMCMYF**
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27370172.m
38082619.m
34874649.m
38075170.m
38348544.m
38075168.m
34879150.m
38082032.m
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34874060.m **DSAVYQKRNVSSLSSIAIDVEESLCEEVQTCPFTNTG**
20894965.m
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38348502.m
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