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gi|6319564|ref|NP_009645.1|
gi|50304235|ref|XP_452067.1|
gi|45187564|ref|NP_983787.1|
gi|145611276|ref|XP_368726.2|
gi|32422375|ref|XP_331631.1|
gi|19113296|ref|NP_596504.1|
gi|17136790|ref|NP_476905.1|
gi|58392487|ref|XP_319407.2|
gi|4505641|ref|NP_002583.1|
gi|114680824|ref|XP_001165515.1|
gi|73991708|ref|XP_534355.2|
gi|77735939|ref|NP_001029666.1|
gi|11693142|ref|NP_071776.1|
gi|7242171|ref|NP_035175.1|
gi|45383776|ref|NP_989501.1|
gi|18859223|ref|NP_571479.1|
gi|15227564|ref|NP_180517.1|
gi|15222379|ref|NP_172217.1|
gi|115449323|ref|NP_001048438.1|
gi|124513948|ref|XP_001350330.1|
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-----
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

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gi|6319564|ref|NP_009645.1|
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gi|19113296|ref|NP_596504.1|
gi|17136790|ref|NP_476905.1|
gi|58392487|ref|XP_319407.2|
gi|4505641|ref|NP_002583.1|
gi|114680824|ref|XP_001165515.1|
gi|73991708|ref|XP_534355.2|
gi|77735939|ref|NP_001029666.1|
gi|11693142|ref|NP_071776.1|
gi|7242171|ref|NP_035175.1|
gi|45383776|ref|NP_989501.1|
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gi|15227564|ref|NP_180517.1|
gi|15222379|ref|NP_172217.1|
gi|115449323|ref|NP_001048438.1|
gi|124513948|ref|XP_001350330.1|
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MLEAKFTEAGLFRKRIIDSRFCVQLVNFCEKGGIAAQAADDLVRVLLVSLNVEAFEFERADRNVLVGGCDLNLTKLRCCGNNSDNLIIAEDS
MLEAKFOQSLFFKRIIDGFKDCVQLVNFCEKGGIAAQAADDLVRVLLVSLVTPFAFEYRSDRAVTLGVDLNLGKILRCGANEDSLTLVAEDS
MLEARLEASILKKVVDALKDLVQDCNFDGNSGIALQAMDNSHVAVLVMMLKATTFSPFRCDRNIALGVNLSLTKVLRQAQNEEDLTLKAEDA
MLEARLEASILKKVVDALKDLVQDCNFDGNSGIALQAMDNSHVAVLVMMLKATTFSPFRCDRNIALGVNLSLTKVLRQAQNEEDLTLKAEDA
MLEARFOQAALLKKLLDAIKELVTDANFDCDNDNGISLQAMDSSHVALVSMILKSDGFFPRCDRNIALGVNLSLTKVLRQAQNEEDLTLKAEDT
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.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

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gi|6319564|ref|NP_009645.1|
gi|50304235|ref|XP_452067.1|
gi|45187564|ref|NP_983787.1|
gi|145611276|ref|XP_368726.2|
gi|32422375|ref|XP_331631.1|
gi|19113296|ref|NP_596504.1|
gi|17136790|ref|NP_476905.1|
gi|58392487|ref|XP_319407.2|
gi|4505641|ref|NP_002583.1|
gi|114680824|ref|XP_001165515.1|
gi|73991708|ref|XP_534355.2|
gi|77735939|ref|NP_001029666.1|
gi|11693142|ref|NP_071776.1|
gi|7242171|ref|NP_035175.1|
gi|45383776|ref|NP_989501.1|
gi|18859223|ref|NP_571479.1|
gi|15227564|ref|NP_180517.1|
gi|15222379|ref|NP_172217.1|
gi|115449323|ref|NP_001048438.1|
gi|124513948|ref|XP_001350330.1|
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PVDLIFGAKYLLDIKGSLSLDRVGRLISEAPALFQFDLK
PDSIIILLFEDTKKRDIAIEVSLKLMIEIDDFLEISDMK
YESYITMPSADFARTVRLDLQSLSDSINILVTKTIKFAAEGDIGSGIVVKPFFDLDHPESSIKVTIEKPVDLRFKAKYLNIIKGSLSLITIKLISEAPALFQFDL
PDTMLLVEFEDTKRERISEVSLKLMIEIYADFLEIDID
VDTVHMPSAEFAKIIKRLNQLSDSINLVVTIKETIKFSEGDIGSGSVIWKPRDVERPEDESKVLEKPVLDLTFGSKYLLDIKKAALSVEITIKLSADFPALFOFNLDG
PDTMLLVEFESSENDRISEVDLKLMDIDQEHGLGIPDT
YAATVIMPSPAEFRRICTDLAMSDSVIDATKDGKIFKFCNGDIGSVAITLRSHTNVEKPAENIEIETLEPVSIFSLKYLNVNCKASALSQGVKICLAEVPLLVEYNLSA
PDVLLNLVFESENDRISEVDLKLMDIDQEHGLGIPDTE
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PEVLLNLVFESEKNDRISEVDLKLMDIDQEHGLGIPDIE
YDATITMPAAEFQIRITRDLTLSDSVIDINAKREGVRFCKGDIENGSTLTKCHTLDSDDQSIETLSLTAQVTLTFSLKYLVAQFTKATPLATVTLSSMNDVPLLVEYKMS
ADTVTFMFESANQEKVSDYEMKLMDIDQEHGLGIPETD
FSCVVRMPAMEFARICRDLAQFSSEVVICRTEGKVFASGDVGTANIKLAQTSVVDKDEEAVIEMQEPVTLFACRYLNAFTKATPLSTQVQLSMCADVPLVVEYKID
ADTVTFMFESANQEKVSDYEMKLMDIDQEHGLGIPETD
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ADTLALVFEAPNQEKVSDYEMKLMDLDVQGLGIPQE
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ADTLALVFEAPNQEKVSDYEMKLMDLDVQGLGIPQE
YSCVVKMPSEGFARICRDLSHIGDAAVVICAKDGKVFASGELGNGIKLSTSNVDEKDEEAVTIEMNEPVQLFALRYLNFTKATPLSPVTLSSMADVPLVVEYKID
ADTLALVFEAPNQEKVSDYEMKLMDLDVQGLGIPQE
YSCVVKMPSEGFARICRDLSHIGDAAVVICAKDGKVFASGELGNGIKLSTSNVDEKDEEAVTIEMNEPVQLFALRYLNFTKATPLSPVTLSSMADVPLVVEYKID
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ADTVTFMFESPTQDKIADFEMKLMDIDS EHLGIPDAE
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ADTVTFMFESPTQDKIADFEMKLMDIDS EHLGIPDAE
YHSIVRMPSEGFARICRDLSIGDVTIIVTKGKVFASGTAGDGTANIVLRONTVDKPEDAVIEMNEPVQLFALRYLMSFTKATPLSEVTLSSSELVVEYKVAE
ADTVTFMFESPTQDKIADFEMKLMDIDS EHLGIPDSE
YQAVIRMPSEGFARICRDLSIGDVTIIVTKGKVFASGTAGDGTANIVLRONTVDKPEDAVIEMNEPVQLFALRYLMSFTKATPLSEVTLSSSELVVEYKIAE
EDNLFNFEFNKNEKDVNFSILKMSIELDSLNIIDCEGDFDAEVELSKELNINIFRNLSEFSDTVFIFIDSNCKIFITKGIVDAEVALKPRDS
SEDDIGVTFKSKKKIKQSFATKYLNLSKSNINLADVVVLGLDDSRPEFKFEIKD
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.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450

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gi|6319564|ref|NP_009645.1|-----SFLQFFLAPKFNDEE----- 258
gi|50304235|ref|XP_452067.1|-----SGNLQFFLAPKFNDEE----- 258
gi|45187564|ref|NP_983787.1|-----AGHLQFFLAPKFNDEE----- 259
gi|145611276|ref|XP_368726.2|-----SSYLRFYFLAPKIGDEE----- 259
gi|32422375|ref|XP_331631.1|-----SSYLRFYFLAPKIGDEE----- 259
gi|19113296|ref|NP_596504.1|-----G-FLRFYFLAPKIGEDEE--- 260
gi|17136790|ref|NP_476905.1|-----LGHIRYFLAPKIEDN-ET--- 260
gi|58392487|ref|XP_319407.2|-----LGHIRYFLAPKIEDD-EN--- 260
gi|4505641|ref|NP_002583.1|-----MGHLKYFLAPKIEDE-EGS--- 261
gi|114680824|ref|XP_001165515.1|-----MGHLKYFLAPKIEDE-EGS--- 261
gi|73991708|ref|XP_534355.2|-----MGHLKYFLAPKIEDE-EGS--- 466
gi|77735939|ref|NP_001029666.1|-----MGHLKYFLAPKIEDE-EGS--- 261
gi|11693142|ref|NP_071776.1|-----MGHLKYFLAPKIEDE-EGS--- 261
gi|7242171|ref|NP_035175.1|-----MGHLKYFLAPKIEDE-EAS--- 261
gi|45383776|ref|NP_989501.1|-----MGHLKYFLAPKIEDE-EGS--- 262
gi|18859223|ref|NP_571479.1|-----LEHVKYFLAPKIEDE-ESG--- 261
gi|15227564|ref|NP_180517.1|-----MGYIRYFLAPKIEEEDTKPE 264
gi|15222379|ref|NP_172217.1|-----MGYIRYFLAPKIEEEDTNP- 263
gi|115449323|ref|NP_001048438.1|-----MGYIRYFLAPKIEEEDTKPE 263
gi|124513948|ref|XP_001350330.1|TSPDSDTLKIGFVKFFLAPKMDDDMDNKD- 274
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