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                                                                                                                                                                                                                                                                              
gi|39944380|ref|XP_361727.1|     ----------------------------------------MVRKLKHHEQKLLKKVDFVTYKGD-NDHRAAAVCRRYMIQKPSDYHTYNQICGSLRKLAHRLSLL-PPDSEVRRKHEALLLEKLYDVGVLSTQSKLSAVEHGATVSAFAR   108
gi|32412041|ref|XP_326501.1|     ----------------------------------------MVRKLKHAEQKLLRKTDFINYKSD-NKHRDHDVARRYMIQKPEDYHKYNRMCGSLRQLAHRLSLL-PPDNEVRRKHEELLLDKLYDMGILSSKSKLSQVEHQVTVSAFAR   108
gi|19115815|ref|NP_594903.1|     ----------------------------------------MRILKHHEQKLLRKVDFLNYKNDDNNHRDVMVMRRYHISKREEYQKYNIICGKFRQLAHRLSLL-DPTDPFRLQYENLLLEKLFDMGILPSKSKMSDIENKANVSAICR   108
gi|50309325|ref|XP_454669.1|     ----------------------------------------MVRALKHHEQKLLKKVDFYEWKQD-QNHRDTQVMRTYHIQNREDYHKYNRICGDVRRLAHKLSLL-QPTDPFRIKHEQLLLEKLYHMGILSTKSKISALENKVTVSAFCR   108
gi|45187742|ref|NP_983965.1|     ----------------------------------------MVRKLKHHEQKLLKKVDFHEWKQD-QGHRDTQVMRTYYIQNREDYHKYNRLCGDVRRLAHKLSLL-AATDPFRIKHEQLLLEKLYHMGILATKSKISSLENKVTVSAICR   108
gi|6321942|ref|NP_012018.1|      ----------------------------------------MVRKLKHHEQKLLKKVDFLEWKQD-QGHRDTQVMRTYHIQNREDYHKYNRICGDIRRLANKLSLL-PPTDPFRRKHEQLLLDKLYAMGVLTTKSKISDLENKVTVSAICR   108
gi|19922456|ref|NP_611224.1|     ----------------------------------------MVRKLKFHEQKLLKKVDFITWKVDN-GGKENKILRRFHIQKREDYTKYNKLSREIRELAERIAKL-DASEPFKTEATTMLLNKLHAMGVSNDQLTLETAA-KISASHFCR   107
gi|58388598|ref|XP_316402.2|     ----------------------------------------MVRKLKFHEQKLLKKVDFFNWKETN-SLQEAKVMRKYHLQKREDYTAYNKMARSVRELARKIADI-DPKHPFRTEMSALLLEKLYVMGVIPTKWDLENAN-KISASSFCR   107
gi|8922794|ref|NP_060755.1|      ----------------------------------------MVRKLKFHEQKLLKQVDFLNWEVTDHNLHELRVLRRYRLQRREDYTRYNQLSRAVRELARRLRDL-PERDQFRVRASAALLDKLYALGLVPTRGSLELCD-FVTASSFCR   108
gi|114658235|ref|XP_510683.2|    ----------------------------------------MVRKLKFHEQKLLKQVDFLNWEVTDHNLHELRVLRRYRLQRREDYTRYNQLSRAVRELARRLRDL-PERDQFRVRASAALLDKLYALGLVPTRGSLELCD-FVTASSFCR   108
gi|118601776|ref|NP_001073056.1| ----------------------------------------MVRKLKFHEQKLLKQVDFLNWEVTDHNLHELRVLRRYRLQRREDYTRYNQLSRAVRELARRLRDL-PERDPFRVRSSAALLDKLYALGLVPTRGSQELCD-FVTASSFCR   108
gi|19527196|ref|NP_598737.1|     ----------------------------------------MVRKLKFHEQKLLKQVDFLNWEVTDHNLHELRVLRRYRLQRREEYTRYNQLSRAVRELARRLRDL-PERDPFRVRASAALLDKLYAMGLVPTRGSLELCD-SVSASSFCR   108
gi|109483546|ref|XP_236276.4|    ----------------------------------------MVRKLKFHEQKLLKQVDFLNWEVTDHNLHELRVLRRYGLQRREEYTRYNQLSRAVRELARRLRDL-PERDPFRVRASAALLDKLYALGLVPTRGSLELCD-SVSASSFCR   108
gi|57108685|ref|XP_544781.1|     MGAEGVARGRPLIGPAWAEVARALGGAVEASALEAPGAAIMVRKLKFHEQKLLKQVDFLNWEATDHNLHELRVLRRYRLQRREDYTRYNQLSRAVRELARRLRDL-PERDPFRVRASAALLDKLYALGLVPTRGSLALCD-SVTASAFCR   148
gi|118089202|ref|XP_001233605.1| ----------------------------------------MVRKLKYHEQKLLRRLESVSWEAAPGNLAEVRALRRYRVGRXXXXXXXXXXAREVRAGARRLLDLSPASAAFRARCAAALLEKLYALGLVGSRRSLAVCE-RVSAASFCR   109
gi|41053702|ref|NP_956561.1|     ----------------------------------------MVRKLKFHEQKLLKKVDFINWEVDN-NIHEVKVLRKYHIEKREDYTKYNKLSRNIRDLAQKIRDL-GAKDGFRSQSTALFLEKLYSVGLIPTKQNLSLAN-EVSASAFCR   107
gi|18417773|ref|NP_568321.1|     ----------------------------------------MRKLKYHEKKLIKKVNFLEWKREG-NHRENEITYRYHMGSRDDYKKYSGLCRMVQKLTNIMKQM-DPADPFRIQMTDMLLEKLYNMGVIPTRKSLTLTE-RLSVSSFCR   106
gi|115461108|ref|NP_001054154.1| ------------------------------------------------------------------------EIRH------------------IVHHLLRVL------------------------------------------ANYCR    18
gi|17506101|ref|NP_491972.1|     ----------------------------------------MVRKLKTHEQKLLKKTDFMSWQVDQQGKQG-DMLRKFYVKKREHYALYNTLAAKSREVADLIKNL-SESDPFRSKCTEDMLTKFYAAGLVPTSDTLERIG-KVTGASFAR   107
gi|124810096|ref|XP_001348758.1| ----------------------------------------MRKLKYHEQKLLKKVNFYDWKRTN-NVREVKVLRKYVIQNREDYTKYNKICGYITKLVSKLRLL------------------------PENDEFPECE-KITVSSFCR    82
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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gi|39944380|ref|XP_361727.1|     RRLPVVMTRLHMAENISTATKLIEQGHVRVGVDVVTDPAMLITRSMEDFVTWAVGSKIKKNIMKYKDKLDDFELL--   183
gi|32412041|ref|XP_326501.1|     RRLPVVMTRLRMAETVQAATKMIEQGHVRVGVEEVRDPAFLVTRSMEDFVTWSVGSKIKQNIMKYRDKLDDFELL--   183
gi|19115815|ref|NP_594903.1|     RRLPVIMCKLRMSQVVSEATRLIEQGHVRVGPHVITDPAYLVTRSLEDFVTWTDTSKIKRTIAKYNDKLDDYDLL--   183
gi|50309325|ref|XP_454669.1|     RRLPVIMHRLKMAQTLKDAVQFIEQGHVRVGPNLITDPAYLVTRNLEDYVTWTDSSKIKKTVLRYRNAVDDFDDA--   183
gi|45187742|ref|NP_983965.1|     RRLPVIMHRLKMAETLQDAVKFIEQGHVRVGPNLITDPAYLVTRNMEDYVTWTDSSKIKKTVLRYRNQLDDFNDA--   183
gi|6321942|ref|NP_012018.1|      RRLPVIMHRLKMAETIQDAVKFIEQGHVRVGPNLINDPAYLVTRNMEDYVTWVDNSKIKKTLLRYRNQIDDFDFS--   183
gi|19922456|ref|NP_611224.1|     RRLPVIMVKLRMSEHLKAATDLIEHGHVRVGPEMIKDPAFLVSRNLEDFVTWVDGSKIKEHVLRYNDMRDDFQM---   181
gi|58388598|ref|XP_316402.2|     RRLPLVLVRSKMSENVSHATKMVEHGHVRVGVEVVKDPAFLVPRTLEDFITWVDGSAIQKHLMEYNDMRDDFEM---   181
gi|8922794|ref|NP_060755.1|      RRLPTVLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSKIKRHVLEYNEERDDFDLEA-   184
gi|114658235|ref|XP_510683.2|    RRLPTVLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSKIKRHVLEYNEERDDFDLEA-   184
gi|118601776|ref|NP_001073056.1| RRLPTVLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSKIKRHVLEYNEERDDFDLDA-   184
gi|19527196|ref|NP_598737.1|     RRLPTLLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSKIKRHVLEYNEERDDFDLDA-   184
gi|109483546|ref|XP_236276.4|    RRLPTLLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSKIKRHVLEYNEERDDFDLDA-   184
gi|57108685|ref|XP_544781.1|     RRLPTVLLKLRMAQHLQAAVAFVEQGHVRVGPDVVTDPAFLVTRSMEDFVTWVDSSRIRRHVLEYNEERDDFDLEA-   224
gi|118089202|ref|XP_001233605.1| RRLPCLLLKLRMAQNLRHAVTFVEQGHVRVGPEVVTDPALLVPRAMEDFVTCFYASRLRLKVLDYNQERDDFDLAA-   185
gi|41053702|ref|NP_956561.1|     RRLPTIMLKLRMAQNLRNAITFIEQGHIRVGPEVITDPAFLVTRNMEDFVTWVDSSKIKQHVFTLVNN----PLRS-   179
gi|18417773|ref|NP_568321.1|     RRLSTVLVHLKFAEHHKEAVTYIEQGHVRVGPETITDPAFLVTRNMEDFITWVDSSKIKRKVLEYNDTLDDYDMLA-   182
gi|115461108|ref|NP_001054154.1| RRLATVMVKLKFAEHLKEAVTYIQQGHVRVGPETVTDPAFLVTRNMEDFITWVDSSKIKRKVQEYNGELDDFDAMA-    94
gi|17506101|ref|NP_491972.1|     RRLPVVMRNIGMCESVKTASDLVEQGHVRIGTKLVTDPAFMVTRSSEDMITWTKASKIKKHVMDYNNTRDDFDLMD-   183
gi|124810096|ref|XP_001348758.1| RRLAVLLFRLKFVQTIKLAITYIQHGNIRIGNNVINNPSFHINRNMEDHIKWADGSKILKHIQKHRESKDDYELLGN   159
                                 .......160.......170.......180.......190.......200.......210.......220.......
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