```
gi|30795231|ref|NP_006308.3|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|114599052|ref|XP_001175409.1| MIPSLVSVGTGYASLEQVMQAIKNDNGIQFITNEIQLCEHESDPNTARGRQNAANKSSKGVNWRLREGKQSERIFLPRWLFCVPVLNQVSAPQGTGQAAVGPSFDSSARDSESILRGATSLARPAGPRRPRLPRSCSLRGSAPRVRVQVR   150
gi|73954389|ref|XP_868783.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|27807507|ref|NP_777205.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|45383878|ref|NP_989447.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|45598372|ref|NP_081671.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|11560135|ref|NP_071636.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
                                   1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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gi|30795231|ref|NP_006308.3|      ------------------------------------MGGKLSKKKKGYNVNDEKAKEKDKKAEGAATEEEGTPKESE-PQAAAEPAEAKEG--KEKPDQD---AEGKAEEKEGEKDAAAAKEEAPKAEPEKTEG--AAEAKAEPPKAP   104
gi|114599052|ref|XP_001175409.1| SRPRCAAAQGAQLVCSGAAQTRLQLGLTPTSLPAENSKMGGKLSKKKKGYNVNDEKAKEKDKKAEGAATEEEGTPKESE-PQAAAEPAEAKEG--KEKPDQD---AEGKAEEKEGEKDAAAAKEEAPKAEPEKTEG--AAEAKAEPPKAP   292
gi|73954389|ref|XP_868783.1|      ------------------------------------MGGKLSKKKKGYNVNDEKAKDKDKKAEGAGTEEEGTPKESE-PQAAAESAEVKEG-KEEKADKDGPDAAAKPEDKEGDKDTAAAKEDAPKAEPEPTEAEGAADGKAEPPQKA   110
gi|27807507|ref|NP_777205.1|      ------------------------------------MGGKLSKKKKGYNVNDEKAKDKDKKAEGAGTEEEGTPKENE-AQAAAETPEVKEG-KEEKPEKDAQDTT-KPEDKEGEKDAEAAKEDAPKAEPEPTEG---AEGKPEPPKDA   106
gi|45383878|ref|NP_989447.1|      ------------------------------------MGGKLSKKKKGYSVNDEKAKDKDKKAEGAATEEEETPKEAEDAQQTTETTEVKENNKEEKVEKDAQVSANKTEEKEGEKEKTVTQEEAQKAEPEKSEA--VVDAKVEPQKNN   110
gi|45598372|ref|NP_081671.1|      ------------------------------------MGGKLSKKKKGYNVNDEKAKDKDKKAEGAGTEEEGTPKESE-PQAAADATEVKES--TEEKPKDAADGEAKAEEKEADKA-AAAKEEAPKAEPEKSEG--AAEEQPEPAPAP   106
gi|11560135|ref|NP_071636.1|      ------------------------------------MGSKLSKKKKGYNVNDEKAKDKDKKAEGAGTEEEGTQKESE-PQAAADATEVKES--AEEKPKDAADGEAKAEEKEADK--AAAKEEAPKAEPEKSEG--AAEEQPEPAPAP   105
                                   .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                   *      * **        :**::.*.            :.   :    * *:. ***** :...: ...  ..******.      :*.******: **: * : *:. *   ::        :     .  ::*:::: :
gi|30795231|ref|NP_006308.3|      E-----QEQAAPG-PAAGGEAPKAAEA-----AAAPAESAAPAAGEEPSKEEGEPKKTEAPAAPAAQETKSDGAPASDSKPGS-----SEAAPSSKETPAATEAPS-STPKAQGPAASAEEPKPVEA--PAANSDQTVTVKE   227
gi|114599052|ref|XP_001175409.1| E-----QEQAAPG-PAAGGEAPKAAEA-----AAAPAESAAPAAGEEPSKEEGEPKKTEAPAAPAAQETKSDGAPASDSKPGS-----SEAAPSSKETPAATEAPS-STPKAQGPAASAEEPKPVEA--PAANSDQTVAVKE   415
gi|73954389|ref|XP_868783.1|      E-----AEPAAG-------DAPQAAEP-------EPATQAAAAAGE-QGQEPGEPAKTEAPAAPGAQETKSDGAPASDSKPSSGGSSSAEAAPSSKESPAATAAQAQSSAAAQAQSSAAAPGAPADDAPPAGHAEQAVALAD   232
gi|27807507|ref|NP_777205.1|      E-----QEPAAASGPSTGGDAPKASEA-------EAAEPAAPTKDD-KSKEGGDATKTEAPAAPAAQETKSDGAPASDSKPSS-----TEAAPSSKETPAATEAPS-STPKAQAPAAPADEVKPAET--PAANSDQTVAVKE   227
gi|45383878|ref|NP_989447.1|      EQAPKQEEPAAASAPAASSEAPKTSEPSSDAKASQPSEATAPSKADDKSKEEGEAKKTEAPATPAAQETKSEVAPASDSKPSS-----SEAAPSSKETVAATAAPS-STAKASDPSAPPEEAKPSEA--PATNSDQTIAVQD   244
gi|45598372|ref|NP_081671.1|      E-----QEAAAPG-PAAGGEAPKAGEA----------SAESTGAADGAAPEEGEAKKTEAPAAAGPEAKSDAAPAASDSKPSS-----AEPAPSSKETPAASEAPS-SAAKAPAPAAPAAAEPQAEAPAAAASSEQSVAVKE   226
gi|11560135|ref|NP_071636.1|      E-----QEAAAPG-PAAGGEAPKAGEA----------SAESTGAADGAPQEEGEAKKTEAP-AAGPEAKSDAAPAASDSKPS------TEPAPSSKETPAASEAPS-SAAKAPAPAAP-AAEPQAEAP--VASSEQSVAVKE   220
                                   .......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......440..
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