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                          *:*  :*.*        : *..*:* .*: .** .:   *: **.*.* :* **:::***                      ***:***...  .     ****** ****  : **********:**:******:**::*****:**
gi|24430190|ref|NP_002266.2|     MTTTFLQTSSS-------TFGGGSTRGGSLLAGGGGFGGGSLSGGGGSRSISASSARFVSSGSGGGYGGGMRVCGFGGGAGSVFGGGFGGGVGGGFG---GGFGGGDGGLLSGNEKITMQNLNDRLASYLDKVRALEEANADLEVKIHDW   150
gi|194676166|ref|XP_001790536.1|  MATTFLQTSSS-------TFGGGSTRGGSLLAGGGGFGGGSLYGGGGSRTISASSARFVSSGSAGGYGG-----GFGGGAGSGYGGGFGGGFGGGFGSGFGDFGGGDGGLLSGNEKITMQNLNDRLASYLEKVRALEEANADLEVKIRDW   150
gi|6680602|ref|NP_032495.1|      MATTFLQTSS--------TFGGSSTRGASLRAGGGSFGGGSLYGGGGSRSISASSARFVSSGAGG---------GFGGGMSCGFGGGFGGGFGGGFGGGFGDFGGGDGGLLSGNEKVTMQNLNDRLASYLDKVRALEQANTELEVKIRDW   150
gi|51591903|ref|NP_001004022.1|  MATTFLQTSS--------TFGSGSTRGGSLRVGGGSFGGGSLYGGGGSRSISASSARFVSSGAGV---------GFGGGMSCGFGGGFGGGFGGGFG----DFGGGDGGLLSGNEKVTMQNLNDRLASYLDKVRALEEANTELEVKIRDW   150
gi|47604932|ref|NP_001001312.1|  MTTYTVQNSFASGAGGLGAAGSGSSRLSSVRVGG-SYRTPSIHGGSGGRGVSISSTKYVSS----------------------VGGGYGGGFDAICA-----FGGGDGRLLSG-TRNTMQNLNDRLATYLQKVRALEDANAELEVKIRDW   150
                          1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                          **:::*:**  *** *:* :::::***:*::*.**:*:****************:***: ***.**:***************::******* *:****************:*.**:*:*.*******.:****:*:********:*** *
gi|24430190|ref|NP_002266.2|     YQKQTPTSPECDYSQYFKTIEELRDKIMATTIDNSRVILEIDNARLAADDFRLKYENELALRQGVEADINGLRRVLDELTLARTDLEMQIEGLNEELAYLKKNHEEEMKEFSSQLAGQVNVEMDAAPGVDLTRVLAEMREQYEAMAEKNR   300
gi|194676166|ref|XP_001790536.1|  YQRQSPTSPERDYSPYFKTIDELRDKILAAAIKNSQVILEIDNARLAADDFRLKHENEMALRQSVEADINGLRRVLDELTLTKTDLEMQIESLNEELAYLKKNHEEEMKEFSNQLAGQVNVEMDAAPAVDLTRVLSEMREQYEAMAEKNR   300
gi|6680602|ref|NP_032495.1|      YQKQSPASPDRDYSHYFKTMEEIRDKILAATIDNSRVVLEIDNARLAADDFRLKYENELTLRQGVEADINGLRRVLDELTLARTDLEMQIEQLNEELAYLKKNHEEEMKEFSSQLAGQVNVEMDAAPGVDLTRMLAEMREQYEAIAEKNR   300
gi|51591903|ref|NP_001004022.1|  YQKQSPASPDRDYSHYFKTMEEIRDKILAATIDNSRVILEIDNARLAADDFRLKYENELALRQGVEADINGLRRVLDELTLARTDLEMQIEQLNEELAYLKKNHEEEMKEFSSQLAGQVNVEMDAAPGVDLTRMLAEMREQYEAIAEKNR   300
gi|47604932|ref|NP_001001312.1|  YQKEAPSSPARDYSNYYKIIEDLQDKILAATIDNSRVVLEIDNARLAADDFRLKHENELFLRQSVESDINGLRRVLDELTLSRADLEMQIESLKEELAYLKKNHEEEMKEYSNQLSGKVSVEMDAAPGIDLTRILSEMREQYEALAEKYR   300
                          .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                          :*.****:::* ***:***::** **:**:***:****:* ********:******* .* :.* **.:** ***.:*  .:* ****:::.:** *****.**:***:******:***.*** **::*:.:. ::.*  *          :
gi|24430190|ref|NP_002266.2|     RDVEAWFFSKTEELNKEVASNTEMIQTSKTEITDLRRTMQELEIELQSQLSMKAGLENSLAETECRYATQLQQIQGLIGGLEAQLSELRCEMEAQNQEYKMLLDIKTRLEQEIATYRSLLEGQDAKMAGIGIREASSGGG---GSSSNFH   450
gi|194676166|ref|XP_001790536.1|  RDAEAWFFSKTEELNKEVASNTEMIQTSKTEITDLRRTIQGLEIELQSQLSMKAGLESTLAETECRYAAQLQQIQGLISSIEAQLSELRSEMECQNQEYKMLLDIKTRLEQEIATYRSLLEGQDSRMAGIGTREASLGGG---GGG-KVR   450
gi|6680602|ref|NP_032495.1|      RDVEAWFFSKTEELNKEVASNTEMIQTSKTEITDLRRTLQGLEIELQSQLSMKAGLENSLAEVECRYATQLQQIQGVITGLETQLSELHSQMEAQNQEYNMLLDIKTRLEQEIATYRNLLEDQDAKMAGIGVREGSSGGGGSSSSSSNFH   450
gi|51591903|ref|NP_001004022.1|  RDVEAWFFSKTEELNKEVASNTEMIQTSKTEITDLRRTLQGLEIELQSQLSMKAGLENSLAEVECRYATQLQQIQGLITGLETQLSELRCEMEAQNQEYNMLLDIKTRLEQEISTYRNLLEGQDAKMAAIGVREASLRGG-SSGGGSNFH   450
gi|47604932|ref|NP_001001312.1|  KDAEAWFLTQTTELNHEVATHTEQIQSSKSEITELRRTMQSLEIELQSQISMKAGLEANLRDTEGRYCAQLAQIQNLITSVEEQLSEIRCDMERQNQEYRMLMDIKSRLEQEIATYRQLLETQDSQMTGVNPKDASAAGR--------AR   450
                          .......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......440.......450
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gi|24430190|ref|NP_002266.2|     INVEESVDGQVVSSHKREI-   470
gi|194676166|ref|XP_001790536.1|  INVEESVDGKVVSSRKREI-   470
gi|6680602|ref|NP_032495.1|      ISVEESVDGKVVSSRKREI-   470
gi|51591903|ref|NP_001004022.1|  ISVEESVDGKVVSSRKRES-   470
gi|47604932|ref|NP_001001312.1|  GGTED--EGRSSSTRDRRHQ   470
                          .......460.......470
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