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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     
gi|189491771|ref|NP_001121649.1| ----MTPN------SMTENGLTAWDKPKHCPDR----EHDWKLVGMSEACLHRKSHSERRSTLKNEQSSPHLIQTTWTSSIFHLDHDDVNDQSVSSAQTFQTEEKKCKGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|114585713|ref|XP_001163850.1| ----MTPN------SMTENGLTAWDKPKHCPDR----EHDWKLVGMSEACLHRKSHSERRSTLKNEQSSPHLIQTTWTSSIFHLDHDDVNDQSVSSAQTFQTEEKKCKGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|73989961|ref|XP_862616.1| ----MPTARHLMFFNPPENGLPAWDKPKHCPDQ----EQDWKLVGMSEACLHRKNHAERRSTLKNEQSSPHLIQATWTSSIFHLDHDDVNDQSVPSAQTFQTEEKKCKGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|25742727|ref|NP_036804.1| ----MTPN------SMTEKCLPAWDKQKPHPDR----GQDWKLVGMSEACLHRKSHVERRGALKNEQTSSHLIQATWASSIFHLDPDDVNDQSVSSAQTFQTEEKKCKGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|18859511|ref|NP_571415.1| ----------MSEQADKCNSR----------WK----------DEAMQNGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|45382081|ref|NP_990778.1| ----------MSGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
gi|6678343|ref|NP_033406.1| MNYCMPEVHEVCPAASSNCYMQVTDYLAYLEDSPALSGRDVQAVPSSSIYMEQAWAVNQPYTCSYPGNLFKSKDSDLDMALSQSSQPAHLPEEKPFPQVQSPPHSQKKGYIPSYLDKDELCVVCGDKATGYHYRCITCEGCKGFFRRTIQ 150
                1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150

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gi|189491771|ref|NP_001121649.1| KNLHPSYSCKYEGKCVIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFL---------PEDIGQAPIVNAPEGGKVDLEAFSHFTKIIT 300
gi|114585713|ref|XP_001163850.1| KNLHPSYSCKYEGKCVIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFL---------PEDIGQAPIVNAPEGGKVDLEAFSHFTKIIT 300
gi|73989961|ref|XP_862616.1| KNLHPSYSCKYEGKCVIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFLVSTSLTITKPEDIGQAPIVNAPEGGKVDLEAFSHFTKIIT 300
gi|25742727|ref|NP_036804.1| KSLHPSYSCKYEGKCIIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFL---------PEDIGQAPIVNAPEGGKVDLEAFSHFTKIIT 300
gi|18859511|ref|NP_571415.1| KNLNPTYACKYEGKCVIDKVTRNQCQECRFKKCIAVGMATDLVLDDSKRLAKRKLIEENRERRRREELQKTVWDRPEPTQEEWEMIRVVTEAHMATNAQGNHWKQKRKFL---------PEDIGSAPIVNAPEGNKVDIEAFSQFTKIIT 300
gi|45382081|ref|NP_990778.1| KNLHPTYSCKYEGKCVIDKVTRNQCQECRFKKCIFVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKTMVHKPEPTDEEWELIKIVTEAHVATNAQVSHWKQKRKFL---------PEDIGQAPIVNAPEGGKVDLEAFSQFTKIIT 300
gi|6678343|ref|NP_033406.1| KSLHPSYSCKYEGKCIIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFL---------PEDIGQAPIVNAPEGGKVDLEAFSHFTKIIT 300
.......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300

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gi|189491771|ref|NP_001121649.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTD 450
gi|114585713|ref|XP_001163850.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTD 450
gi|73989961|ref|XP_862616.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTD 450
gi|25742727|ref|NP_036804.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPDSETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTD 450
gi|18859511|ref|NP_571415.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPESDTLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGVSLSSFNLDDSEVALLQAVILLSSDRPGLTSVERIERCQEEFLLAFEHYINYRKHKVAHFWPKLLMKVTD 450
gi|45382081|ref|NP_990778.1| PAITRVVDFAKKLPMFLELPCEDQIILLKVCCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLVCVERIEKCQEGFLLAFEHYINYRKHHVAHFWPKLLMKVTD 450
gi|6678343|ref|NP_033406.1| PAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPDSETLTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTD 450
.......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......440.......450

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gi|189491771|ref|NP_001121649.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|114585713|ref|XP_001163850.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|73989961|ref|XP_862616.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|25742727|ref|NP_036804.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|18859511|ref|NP_571415.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|45382081|ref|NP_990778.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
gi|6678343|ref|NP_033406.1| LRMIGACHASRFLHMKVECPTELFPPLFLEVFED 484
.......460.......470.......480....
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