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                                                  .**:   :.       .**...*  .    ..  ...    :  : *   . .*::.    :  : .  . . :  .    .   :  .    .: .*      * * **:****
gi|38524596|ref|NP_034186.2|     --------MTGVFDRRVPSIRSGDFQAPFPTSAAMHHPSQESPTLPESSATDSDYYSPAGAAPHGYCSPTSASYGKALNPYQYQYHGVNGSAAGYPAKAYADYG-YASPYHQYGGAYNRVPSATSQPEKEVAEPEVRMVNGKPKKVRKPR   150
gi|6978765|ref|NP_037075.1|      --------MTGVFDRRVPSIRSGDFQAPFPTSAAMHHPSQESPTLPESSATDSDYYSPAGAAPHGYCSPTSASYRKALNPYQYQYHSVNGSAAGYPAKAYADYG-YASPYHQYGGAYNRVPSATSQPEKEVAEPEVRMVNGKPKKVRKPR   150
gi|4885187|ref|NP_005212.1|      --------MTGVFDRRVPSIRSGDFQAPFQTSAAMHHPSQESPTLPESSATDSDYYSPTGGAPHGYCSPTSASYGKALNPYQYQYHGVNGSAGSYPAKAYADYS-YASSYHQYGGAYNRVPSATNQPEKEVTEPEVRMVNGKPKKVRKPR   150
gi|114614662|ref|XP_519218.2|    --------MTGVFDRRVPSIRSGDFQAPFQTSAAMHHPSQESPTLPESSATDSDYYSPTGGAPHGYCSPTSASYGKALNPYQYQYHGVNGSAGSYPAKAYADYS-YASSYHQYGGAYNRVPSATNQPEKEVTEPEVRMVNGKPKKVRKPR   150
gi|73975832|ref|XP_539430.2|     MEPDPPRSMTGVFDRRVPSIRSGDFQAPFQTSAAMHHPSQESPTLPESSATDPDYYSPTGGAPHGYCSPTSASYGKALNPYQYQYHGVSGSAGSYPAKAYADYS-YASPYHQYGGAYNRVPSAASQPEKEVAEPEVRMVNGKPKKVRKPR   150
gi|115496790|ref|NP_001068781.1| --------MTGVFDRRVPSIRSGDFQAPFQTAAAMHHPSQESPTLPESSATDSDYYSAPGGAPHGYCSPTSASYGKALNPYQYQYHGVNGSAGSYPAKAYADYS-YASPYHQYGGAYNRVPSATSQPEKEVAEPEVRMVNGKPKKVRKPR   150
gi|45383802|ref|NP_989490.1|     --------MTAVFDRRVPGIRSSDFQPPFQSAAAMHHPSQESPTLPESSATDSDYYSPTGAAPHGYCSPTSASYGKALNPYQYQY-GMNGSAGTYPAKAYADYG-YGSPYHQYGGAYGRGQSSAGQPEKEVAEPEVRMVNGKPKKVRKPR   150
gi|18858555|ref|NP_571381.1|     --------MTGVFDRRIPSIKPADFQNPFQLS-TMHHPSQESPTLPESTATDSGYYSPAGGVHHGYCSPNSGTYGKPLNAYQYQYHGVNGSSGNYSAKSYPDYGSYSTAYHQYAGTYNRVQSQPSPQEKETAEPEVRMVNGKPKKVRKPR   150
gi|17552744|ref|NP_497904.1|     ----------------------------------MDPSKGFEYVAG------DYYQTSGVAPP-TSNGAGSNVSPYFPYHAYPTSSTNGATGGSMYGTPQQTS--AYAMYPPGPGSSPEEAFPEHTTTKIVEGCEAKYNVKGKKMRKPR   150
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 ***.* **  **:.**:*******:** ** .***:**********:*** **     ... . *.. .:.:. . ..* . :*   :.       ..       .  *   *   .* :*                .
gi|38524596|ref|NP_034186.2|     TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPPTSNQSPASSYLENSASWYPSAASSIN------SHLPPPG   300
gi|6978765|ref|NP_037075.1|      TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPTTSNQSPASSYLENSASWYPSAASSIN------SHLPPPG   300
gi|4885187|ref|NP_005212.1|      TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPPTSNQSPASSYLENSASWYTSAASSIN------SHLPPPG   300
gi|114614662|ref|XP_519218.2|    TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPPTSNQSPASSYLENSASWYTSAASSIN------SHLPPPG   300
gi|73975832|ref|XP_539430.2|     TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPPTSNQSPASSYLENSASWYPSAASSIN------SHLPPPG   300
gi|115496790|ref|NP_001068781.1| TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLSHHPHAHPPTSNQSPASSYLENSASWYPSAASSIN------SHLPPPG   300
gi|45383802|ref|NP_989490.1|     TIYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKIWFQNKRSKIKKIMK--NGEMPPEHSPSSSDPMACNSPQSPAVWEPQG--------SSRSLGHHGHGHPPAANPSPGS-YLESPSAWYP-AASPLG------SHLQPHG   300
gi|18858555|ref|NP_571381.1|     TIYSSFQLAALQRRFQNTQYLALPERAELAASLGLTQTQVKIWFQNKRSKLKKIMK--NGELPPEHSPSSSDPMACNSPQSPAVWDSQG--------PQR-----PHHQPQNIN-TAASTFLEMRELFVVFLYRGDEF-----FTLQAPG   300
gi|17552744|ref|NP_497904.1|     TIYNSSQLQMLQKKFQKTQYLALPDRAALAHELGLSQTQVKIWFQNRRSKQKKQKGGSSDHASDEEDDDTEESKPESPPMGESVMIQESSEPRTLVSSSIKTEMKEEYPPMTLNEQYASPYLYGSDFSTILPPSQGFPNNALYNTAGAYP   300
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                 :: :. .: ..*:*
gi|38524596|ref|NP_034186.2|     SLQHPLALASGTLY---   317
gi|6978765|ref|NP_037075.1|      SLQHPLALASGTLY---   317
gi|4885187|ref|NP_005212.1|      SLQHPLALASGTLY---   317
gi|114614662|ref|XP_519218.2|    SLQHPLALASGTLY---   317
gi|73975832|ref|XP_539430.2|     SLQHPLALASGTLY---   317
gi|115496790|ref|NP_001068781.1| SLQHPLALASGTLY---   317
gi|45383802|ref|NP_989490.1|     SLQHPLALPSGTIY---   317
gi|18858555|ref|NP_571381.1|     TL-HSLALGSGTLY---   317
gi|17552744|ref|NP_497904.1|     SIDYTNGVYQNTLYKYV   317
                                 .......310.......
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