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gi |13569885|ref|NP_112188.1|      MVK---ISFOPAVAGIKG-----DKADKAS-----ASAPAP-----ASATIEILLT-----PAR-----EEOPPHRSKRKGGVGGVCYL63SM
gi |114583833|ref|XP_516140.2|    --MPTGGEGELARKDFVKQRPCSIQVLPCGSVGTFMVAVHSWDLAPRQAPRWLLCFPAATLSIPFLLSSLSSPCMFQDRQIASEDEFLLPGRVWALVGLLFFPSRCHLLP145SLSPKTP--EGPSCQEEOPPHRSKRKGGVGGVCYL145SM
gi |73993946|ref|XP_543282.2|      MVK---ISFOPAVAGIKG-----DKADKAA-----AAAAA-----PAPAAEILLT-----PAR-----EERAPPQRYKKGGVGGVCYL63SM
gi |125630709|ref|NP_001075007.1|  MVK---ISFOPAVAGIKG-----DKADKAS-----ASASASAP-----APTPAAEILLT-----PAR-----EERPPYQRYKKGGVGGVCYL67SM
gi |11967943|ref|NP_071862.1|      MVK---ISFOPAVA- IKA-----DKADKAA-----ASGPAS-----ASAPAAEILLT-----PAR-----EERPPRHRSRKGGVGGVCYL64SM
gi |57527254|ref|NP_001009674.1|  MVK---ISFOPAVAGVKA-----EKADKAA-----ASGPAS-----ASAPAAEILLT-----PAR-----EERPPRHRSRKGGVGGVCYL65SM
gi |118094977|ref|XP_422643.2|    MLLLSINIVFKWMLTIRLSVFLRSLCALCAARAG--HDAVAPGAPAGASGRERGGGAAGGAGARRGCGRSGASPGRVRRRRRRRRRGGAMVIGI--VQOPAAALKPEREKKAAGGDGAAGAVLLPAGAEFCAPVVV144QGRRS--SLSGVCYL144SM
gi |50540164|ref|NP_001002549.1|  MVK---ISFOPITG-----QKAEKEGG-----DGDKTIIFIP-----HSHV-----EELVLPVGRKRSLSGLCCLLT56
gi |41053903|ref|NP_956274.1|     MVK---ISFQQVIV-----QKPEKEN-----DGDKEIOMP-----HSHV-----KDELVLVPRSKKSPFSGLWCVVL54
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

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gi |13569885|ref|NP_112188.1|      GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV213TEHVS213DKEA
gi |114583833|ref|XP_516140.2|    GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV295TEHVS295DKEA
gi |73993946|ref|XP_543282.2|      GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV213TEHVS213DKEA
gi |125630709|ref|NP_001075007.1|  GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV217TEHVS217DKEA
gi |11967943|ref|NP_071862.1|      GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV214TEHVS214DKEA
gi |57527254|ref|NP_001009674.1|  GMVLLMGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV215TEHVS215DKEA
gi |118094977|ref|XP_422643.2|    GLLVLLLGLVFASVVIYRYFFLAQLARDNFFRCGVLYEDSLSSQVRRQMELEEDVKIYLDENYERINVPVPOFGGGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV294TEHVS294DKEA
gi |50540164|ref|NP_001002549.1|  ALIVFTCSLIYASIVYRYIIPVDPDQSQFHCGRVYVYEDSVAAPLRGSHHEVENVGIYIKENYEQISVVPVDFGSGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV206TEHVS206DKEA
gi |41053903|ref|NP_956274.1|     GLVIFLSGLIMASVCLYRYVFNPOIPEDSFFHCRRMYEDVFAPELLGRQLEBEKVGIIYLDNVEQISVVPVDFGSGDPADIIHDFORGLTAYHDISLDKCVIELNTTIVLPPRNFWELLMNVKRGTYLPQTYIIQEEMV204TEHVS204DKEA
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

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gi |13569885|ref|NP_112188.1|      LGSFIYHLCNGKDTYRLRRRA267TRRRIN267KRGAKNCNAIRHFENTFV267VELICGVV--
gi |114583833|ref|XP_516140.2|    LGSFIYHLCNGKDTYRLRRRA349TRRRIN349KRGAKNCNAIRHFENTFV349VELICGVV--
gi |73993946|ref|XP_543282.2|      LGSFIYHLCNGKDTYRLRRRA267TRRRIN267KRGAKNCNAIRHFENTFV267VELICGVV--
gi |125630709|ref|NP_001075007.1|  LGSFIYHLCNGKDTYRLRRRA271TRRRIN271KREAKNCNAIRHFENTFV271VELICGVV--
gi |11967943|ref|NP_071862.1|      LGSFIYHLCNGKDTYRLRRRA268TRRRIN268KRGAKNCNAIRHFENTFV268VELICGVV--
gi |57527254|ref|NP_001009674.1|  LGSFIYHLCNGKDTYRLRRRA269TRRRIN269KRGAKNCNAIRHFENTFV269VELICGVV--
gi |118094977|ref|XP_422643.2|    LGSFIYHLCNGKDTYRLRRRA348TRRRIN348KRGAKNCNAIRHFENTFV348VELICGVV--
gi |50540164|ref|NP_001002549.1|  LGRFIYRLCSGKDTYRLRRRA260TRRRIN260KRDQA260NCHRIRHFENTFV260VELICE260TP--
gi |41053903|ref|NP_956274.1|     LGSFIYHLCNGKDTYRLRRRA260TRRRIN260KRDQA260NCHRIRHFENTFV260VELICE260TP--
.....310.....320.....330.....340.....350.....

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