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                                                                                                                                                                                                                                                                       
gi|5032201|ref|NP_005715.1|      ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------:
gi|114658307|ref|XP_523227.2|    MASIR-AVPRNVGPGQAASLSLGPSGAMGEAQFSSLPGLWWTHSISSSPIWIRRPCLRRGDWLKLPAAGGGTRLPGSGAG--ALRGL-RRLRGGARRLLGSGLRDGAGAAGSAAQAVQFLARRRRRHCRSLGERSPALRAGPSRATGAMG
gi|31981022|ref|NP_062767.2|     ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------MG
gi|53850622|ref|NP_001005547.1|  ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------MG
gi|74001027|ref|XP_544788.2|     MGALQCQLHRLARRGEPAA-GRGRTG--GE-----LGSLRKSRGARPGP-GISGAALAGGTGRNRKDGGFCARAPLLSASTPDRSGLSRRLHPGPGPDTCTTVALGSERPASADGCDQPKTANTAK--AALQKRW-LLGRGCAAARG-LR
gi|78369356|ref|NP_001030564.1|  ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------MG
gi|118095598|ref|XP_001232465.1| ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------MG
gi|70887727|ref|NP_001020709.1| ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------MG
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150

                                 : * **                                  :    . :**:*.****************************:***:*:***:********************** **:**:***:**********:******:**:
gi|5032201|ref|NP_005715.1|      QCGITSS-----------------------------------KTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVIILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|114658307|ref|XP_523227.2|    QCGITSS-----------------------------------KTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLA-FVIILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|31981022|ref|NP_062767.2|     QCGITSS-----------------------------------KTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHFFEDVYTLFPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVFILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|53850622|ref|NP_001005547.1|  QCGITSS-----------------------------------KTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHFFEDVYTLFPAVVIMAVGALLFIIGLIGCCATIRESRCGLATFVFILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|74001027|ref|XP_544788.2|     ERGRTSRSRREAPPPLPPRSGPRRRPSRAPGRRHHGPVRHHVLQDRAGVPHLIYWGAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVIILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|78369356|ref|NP_001030564.1|  QCGITSS-----------------------------------KTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVIILLLVFVTEVVVVVLGYVYRAKVENEVD
gi|118095598|ref|XP_001232465.1| QCGITSS-----------------------------------KTVLVFLNLIFWAAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVIIIAVGTLLFIIGLIGCCATIRESRCGLATFVIILLLVFITEVVVVVLGYIYRAKVEDEVD
gi|70887727|ref|NP_001020709.1| QCGITSS-----------------------------------KTVLVFLNLIFWAAAGILCYVGAYVFITYDDYDHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVIILMLVFVTEVVVVVLGYIYRAKVEDEVN
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300

                                 :******: *****.**.***********:** * *::**.** ***::**:*******:  .  .*.***  .* :**.**** ******:**:*:******:*****:*******:**************:***:**
gi|5032201|ref|NP_005715.1|      RSIQKVYKTYNGTNPDAASRAIDYVQRQLHCCGIHNYSDWENTDWFKETKNQSVPLSCCRETASNCNGSLAHPSDLYAEGCEALVVKKLQEIMMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   253
gi|114658307|ref|XP_523227.2|    RSIQKVYKTYNGTNPDAASRAIDYVQRQLHCCGIHNYSDWENTDWFKETKNQSVPLSCCRETASNCNGSLAHPSDLYAEGCEALVVKKLQEIMMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   396
gi|31981022|ref|NP_062767.2|     RSIQKVYKTYNGTNSDAASRAIDYVQRQLHCCRIHNYSDWENTDWFKETKNQSVPLSCCRETAKSCNGSLANPSDLYAEGCEALVVKKLQEILMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   253
gi|53850622|ref|NP_001005547.1|  RSIQKVYKTYNGTNSDAASRAIDYVQRQLHCCGIHNYSDWENTDWFKETKNQSVPLSCCRETARSCNGSLANPSDLYAEGCEALVVKKLQEILMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   253
gi|74001027|ref|XP_544788.2|     RSIQKVYKTYNGTNPDAASRAIDYVQRQLHCCGIHNYSDWENTDWFKETKNQSVPLSCCRETASSCNGSLAHPSNLYAEGCEALVVKKLQEIMMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   424
gi|78369356|ref|NP_001030564.1|  RSIQKVYKTYNGTNPDAASRAIDYVQRQLHCCGIHNYSDWENTDWFKETKNQSVPLSCCRETASSCNGSLANPSDLYAEGCEALVVKKLQEIMMHVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGAYA   253
gi|118095598|ref|XP_001232465.1| HSIQKVYNGYNGTNPDAASRAIDYVQRQLRCCGIHNYTDWENTVWFKQTKNNSVPLSCCKATLSNCTGSLTRPMDLYSEGCEALVVKKLQEIMMYVIWAALAFAAIQLLGMLCACIVLCRRSRDPAYELLITGGTYA   253
gi|70887727|ref|NP_001020709.1| HSIQKVYNEYNGTNTDAPSRAIDYVQRQLHCCGITNFADWRNTRWFKESKNNSVPLSCCKPNVSNCTGSLLHPGDLYPEGCEELVVKKLKEIMMYVIWAALTFAAIQMLGMLCACVVLCRRSRDPAYELLMTGGTYA   253
                                 .......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......
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