

gi|6755885|ref|NP\_035773.1| MGAPPPSPGLPPSWAAMMAALYPTDLSGVSSSSLSPSSSSS-PNEVMALKDVRVKEENTLNEKLFLLACDKGDYVMVKKILEENSSGDLNINCVDLVGRNAVITITENESLDLILQLLLDYGCQADALLVAIDSEVVGAVDILLNHR 150  
gi|25742645|ref|NP\_446010.1| -----MMAALYPTDLSGVSSSSLSPSSSSS-PNEVMALKDVRVKEENTLNEKLFLLACDKGDYVMVKKILEENSSGDLNINCVDLVGRNAVITITENESLDLILQLLLDYGCQ 150  
gi|4507685|ref|NP\_003295.1| -----MMAALYPTDLSGVSSSSLSPSSSSS-PNEVMALKDVRVKEENTLNEKLFLLACDKGDYVMVKKILEENSSGDLNINCVDLVGRNAVITITENESLDLILQLLLDYGCQ 150  
gi|73990665|ref|XP\_542818.2| -----MMAALYPTDLSGVSSSSLSPSSSSS-PNEVMALKDVRVKEENTLNEKLFLLACDKGDYVMVKKILEENSSGDLNINCVDLVGRNAVITITENESLDLILQLLLDYGCQADALLVAIDSEVVGAVDILLNHR 150  
gi|27806169|ref|NP\_776901.1| -----MMAALYPTDLSGVSSSSLSPSSSSS-PNEVMALKDVRVKEENTLNEKLFLLACDKGDYVMVKKILEENSSGDLNINCVDLVGRNAVITITENESLDLILQLLLDYGCQADALLVAIDSEVVGAVDILLNHR 150  
gi|52138715|ref|NP\_001004409.1| -----MAALYQADPSAAS-----PNKLLALKDVRVKEENTLDEKLFLLACDKGDYVMVKKILEENSSGEMNINCVDLVGRNAVITITENESLDLILQLLLDYGCQSDALLVAIDSEVVGAVDILLNHR 150  
gi|292627450|ref|XP\_699455.4| -----MAALYQGTSS-----SPDKYLALKDVRVKEENTLDEKLFLLACEKGDYVMVKKILEEKRHGELNINCVDLVGRNAVITITENESLDLILQLLLDYGCQ 150



gi|6755885|ref|NP\_035773.1| PKRSSRPITVKKLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVLSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|25742645|ref|NP\_446010.1| -----KLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVALPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|4507685|ref|NP\_003295.1| -----KLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVLSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|73990665|ref|XP\_542818.2| -----KLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVLSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|27806169|ref|NP\_776901.1| -----KLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVLSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|52138715|ref|NP\_001004409.1| -----KLMERIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDVLSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPALIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300  
gi|292627450|ref|XP\_699455.4| -----KLIQRIQNPEYSTTMDVAPVILAHRNNYEILLTMLLKQDILSPKPHAVGCECLCSAKNKKDSLRRHSRFRLDIYRCLASPSLIMLT EEDPILRAFEL S ADLKLSELVEVEFRNDYELAROCKMFAKDLLAQARNSRELE 300



gi|6755885|ref|NP\_035773.1| VILNHTSSDEPLDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|25742645|ref|NP\_446010.1| -----VILNHTSSDEPLDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|4507685|ref|NP\_003295.1| -----VILNHTSSDEPLDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|73990665|ref|XP\_542818.2| -----VILNHTSNDPELDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|27806169|ref|NP\_776901.1| -----VILNHTSNDPELDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|52138715|ref|NP\_001004409.1| -----VILNHTSSDEHVDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450  
gi|292627450|ref|XP\_699455.4| -----VILNHTSSDEHVDKRGLLEERMNLSRLKLAIKYNOKEFVSQSNCOQFLNTVWFQMSGYRRKPTCKKIMTVLTVGIFWVPLSLCYLIAPKSOFGRIIHTPFMKFIIHGASVYFTFLLLNLYSLVYNEDEKKNMGPALERIDVLLILWIIG 450



gi|6755885|ref|NP\_035773.1| MIWSDIKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|25742645|ref|NP\_446010.1| -----MIWSDIKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|4507685|ref|NP\_003295.1| -----MIWSDIKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|73990665|ref|XP\_542818.2| -----MIWSDIKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|27806169|ref|NP\_776901.1| -----MIWSDIKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|52138715|ref|NP\_001004409.1| -----MVVSDVKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600  
gi|292627450|ref|XP\_699455.4| -----MVVSDVKRLWYEGLEDLFLEESRNQLSFVMNSLYLAFALKVVAHNKFDHFDAD---RKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTSSILGPLQISMGMQLDFGKFLGMFLVLVFTFTIGTLQLYDKG---YTSKQKDCVGFIC 600



gi|6755885|ref|NP\_035773.1| EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|25742645|ref|NP\_446010.1| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|4507685|ref|NP\_003295.1| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|73990665|ref|XP\_542818.2| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|27806169|ref|NP\_776901.1| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|52138715|ref|NP\_001004409.1| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750  
gi|292627450|ref|XP\_699455.4| -----EQQSNDFHFSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAIVIGTYNVVVIVLTKLLVAMLHKSFOLIANHEDKWKFAKAKLWLSYFDDKCTLPPPFNIIPSPKTI CYMISLSSKWCSTHSRSGKVKRQNSLKQK 750



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gi|25742645|ref|NP_446010.1|RDENYQKVMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
gi|4507685|ref|NP_003295.1|RDENYQKVMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
gi|73990665|ref|XP_542818.2|RDENYQKVMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
gi|27806169|ref|NP_776901.1|RDENYQKVMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
gi|52138715|ref|NP_001004409.1|RDENYQKVMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
gi|292627450|ref|XP_699455.4|RDENYQKIMCCLVHRYLTSMRQKMOSTDQATVENLNELRQDLSKFRNEIRDLLGFRFSKYAMFYPRN 817
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