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                                                                                                                                                                       
gi|4503155|ref|NP_001903.1|      MNPILILAAFCLGIASATLT-------------FDHSLEAQWTKWKA--MHNRLYG----MNEEGWRRAVWEKNMKMIELHNQEYREGKHSFTMAMNAFGDMTSEEFRQVMNGFQNRKPR-----KGKV-----FQEPLFYEAPRSVDWR   121
gi|114625392|ref|XP_001137800.1| ----------------------------------------------MHNRLYG----MNEEGWRRAVWEKNMKMIELHNQEYREGKHSFTMAMNAFGDMTSEEFRQVMNGFQNRKPR-----KGKV-----FQEPLFYEAPRSVDWR    87
gi|139947602|ref|NP_001077155.1| MNPSLLLTALCLGIASAAPK-------------FDHSLDTQWKLWKA--AHRKPYD----LNEEGWRKAVWKKNMKMIELHNQEYSQGKHSFSMAMNAFGDMTNEEFRHTMNGFQRQKNK-----KGKE-----FHETIFASIPPSVDWR   121
gi|115484973|ref|NP_001067630.1| MLRCFLVAAAAVALAAAAAAPARAIPFTESDLSSEESLRALYERWRSRYTVSRPAASGGVGNDDGEARRRFNVFVENARYIHEANRRGGRPFRLALNKFADMTTDEFRRTYAGSRARHHRSLSGGRGGEGGSFRYGGDDEDNLPPAVDWR   150
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 *:* ** :*:**:********:..*:**    ***:*::****:****.  : *.**.**::* ***::   **: :*..***  .    *   :.     ..  *: *:* : *.** ****.  *::**::*   .* **..*::   :*
gi|4503155|ref|NP_001903.1|      EKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGRLISLSEQNLVDCSGPQGNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEESC-KYNPKYSVANDTGFVDIPKQ-EKALMKAVATVGPISVAIDAGHESFLFYKEGIYFEPDC   269
gi|114625392|ref|XP_001137800.1| EKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGRLISLSEQNLVDCSGPQGNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEESC-KYNPKYSVANDTGFVDIPKQ-EKALMKAVATVGPISVAIDAGHESFLFYKEGIYFEPDC   235
gi|139947602|ref|NP_001077155.1| EKGYVTPVKNQGKCGSCWAFSATGALEGQMFQKTGKLVSLSEQNLVDCSQPEGNRGCHGGFIDNAFQYVLDVGGLDSEESYPYTGLVGTC-LYNPNNSAANETGFVDLPKQ-EKALMKAVANLGPISVAVDAHNPSFQFYKSGIYYEPNC   269
gi|115484973|ref|NP_001067630.1| ERGAVTGIKDQGQCGSCWAFSTVAAVEGVNKIKTGRLVTLSEQELVDCDTGD-NQGCDGGLMDYAFQFIKRNGGITTESNYPYRAEQGRCNKAKASSHDVTIDGYEDVPANDESALQKAVANQ-PVAVAVEASGQDFQFYSEGVFTG-EC   297
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                 .: .:**.* .****:     *..***:*******.**  **::* :    * .. ****  ****.
gi|4503155|ref|NP_001903.1|      SSEDMDHGVLVVGYGFESTESDNNKYWLVKNSWGEEWGMGGYVKMAK----DRRNHCGIASAASYPTV----------------   333
gi|114625392|ref|XP_001137800.1| SSEDMDHGVLVVGYGFESTESDNNKYWLVKNSWGEEWGMGGYVKMAK----DRRNHCGIASAASYPTV----------------   299
gi|139947602|ref|NP_001077155.1| SSESVDHAVLVVGYGFEGADSDDNKYWLVKNSWGEHWGMNGYIKMAK----DRNNHCGIATMASYPTV----------------   333
gi|115484973|ref|NP_001067630.1| GT-DLDHGVAAVGYGIT---RDGTKYWIVKNSWGEDWGERGYIRMQRGVSSDSNGLCGIAMEASYPVKSGARNAAASNRVVKDEM   378
                                 .......310.......320.......330.......340.......350.......360.......370.......380.....
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