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                                 *:    ..***:*****    .**::     * *:* **    : .: :    :::* ..* ::.  :*:**. *  *   *::** **:******* .*****.*:*.******.***************:******:*:* **:****
gi|62414289|ref|NP_003371.2|     MSTRSVSSSSYRRMFGGPGTASRPSSSRSYVTTSTRTYSLGSALRPSTSRSLYASSPGGVYATRSSAVRLRSSVPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|57114172|ref|NP_001009148.1|  MSIRSVSSSSYRRMFGGPGTASRPSSSRSYVTTSTRTYSLGSALRPSTSRSLYASSPGGVYATRSSAVRLRSSVPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|31982755|ref|NP_035831.2|     MSTRSVSSSSYRRMFGGSGTSSRPSSNRSYVTTSTRTYSLGSALRPSTSRSLYSSSPGGAYVTRSSAVRLRSSVPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|14389299|ref|NP_112402.1|     MSTRSVSSSSYRRMFGGSGTSSRPSSNRSYVTTSTRTYSLGSALRPSTSRSLYSSSPGGAYVTRSSAVRLRSSMPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|73948956|ref|XP_535175.2|     MSTRSVSSSSYRRMFGGPGTGSRPSSTRSYVTTSTRTYSLGSALRPSTSRSLYASSPGGAYATRSSAVRLRSSVPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|110347570|ref|NP_776394.2|    MSTRSVSSSSYRRMFGGPGTASRPSSTRSYVTTSTRTYSLGSALRPTTSRTLYTSSPGGVYATRSSAVRLRSGVPGVRLLQDSVDFSLADAINTEFKNTRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLY   150
gi|114326309|ref|NP_001041541.1| MSFTSSKNSSYRRMFGG---GSRPSSGTRYITSSTR-YSLGSALRPSSAR-YVSASPGGVYRTKATSVRLRSSMPPMR-MHDAVDFTLADAINTEFKANRTNEKVELQELNDRFANYIDKVRFLEQQNKILLAELEQLKGKGTSRLGDLY   150
gi|18859549|ref|NP_571947.1|     MASR-TSTSSYKRMFGG----ERPAAARS--TFSSRQYSSPVRVSSSRTSYNYSSAPPSVYASKG--LRVRSGAPLPRLATDTLDFGLAEAINTEFKANRTNEKAEMQHLNDRFASYIDKVRFLEQQNKILIAELEQLRGKGASRVGDLY   150
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150

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gi|62414289|ref|NP_003371.2|     EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAENTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHEEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|57114172|ref|NP_001009148.1|  EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAENTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHEEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|31982755|ref|NP_035831.2|     EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHDEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|14389299|ref|NP_112402.1|     EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHDEEIQELQAQIQEQHVQIDVDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|73948956|ref|XP_535175.2|     EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHDEEIQELQAQIQDQHVQIDMDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|110347570|ref|NP_776394.2|    EEEMRELRRQVDQLTNDKARVEVERDNLAEDIMRLREKLQEEMLQREEAESTLQSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHDEEIQELQAQIQEQHVQIDMDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|114326309|ref|NP_001041541.1| EEEMRDVRRQVDQLTNDKARVEVERDNLADDIMRLREKLQEEMLQREEAESTLQSFRQDVDNASLAGLDLERPVESLQEEIVFLKKLHDEEIRELQAQLQEQHIQIDMDVSKPDLTAALRDVRQQYESVAAKNLQEAEEWYKSKFADLSE   300
gi|18859549|ref|NP_571947.1|     EDEMRELRRQVDQLTGEKSKVEVDRDNLGEDIERLKERLQEEMLQREDAENSLRSFRQDVDNASLARLDLERKVESLQEEIAFLKKLHDEELAEMQIQMQEQHLQIDMEVTKPDLTAALKDVRQQYETLASRNLQESEDWYKSKFADLSE   300
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300

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gi|62414289|ref|NP_003371.2|     AANRNNDALRQAKQESTEYRRQVQSLTCEVDALKGTNESLERQMREMEENFAVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRISLPLPNFSSLNLRETNLDSLPLVDTHSKRTLLIKTVETR   450
gi|57114172|ref|NP_001009148.1|  AANRNNDALRQAKQESTEYRRQVQSPTCEVDALKGTNESLERQMREMEENFAVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRISLPLPNFSSLNLRETNLDSLPLVDTHSKRTLLIKTVETR   450
gi|31982755|ref|NP_035831.2|     AANRNNDALRQAKQESNEYRRQVQSLTCEVDALKGTNESLERQMREMEENFALEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRISLPLPTFSSLNLRETNLESLPLVDTHSKRTLLIKTVETR   450
gi|14389299|ref|NP_112402.1|     AANRNNDALRQAKQESNEYRRQVQSLTCEVDALKGTNESLERQMREMEENFALEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRISLPLPNFSSLNLRETNLESLPLVDTHSKRTLLIKTVETR   450
gi|73948956|ref|XP_535175.2|     AANRNNDALRQAKQESNEYRRQVQSLTCEVDALKGTNESLERQMREMEENFAVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRIALPLPNFSSLNLRETNLDSLPLVDTHSKRTLLIKTVETR   450
gi|110347570|ref|NP_776394.2|    AANRNNDALRQAKQESNEYRRQVQTLTCEVDALKGTNESLERQMREMEENFSVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRISLPLPNFSSLNLRETNLDSLPLVDTHSKRTLLIKTVETR   450
gi|114326309|ref|NP_001041541.1| AANRNNDALRQAKQEANEYRRQIQSLTCEVDALKGSNESLERQMREMEENFAVEAANYQDTIGRLQDEIQNMKEEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRINMPIPTFASLNLRETNIESQPIVDTHSKRTLLIKTVETR   450
gi|18859549|ref|NP_571947.1|     AAARNNEAIRLAKQEANDYRRQLQALTCDLEALKGTNESLERQMRELEDSFSMEASGYQDTIGRLEDDIRNMKDEMARHLREYQDLLNVKMALDIEIATYRKLLEGEESRITSPFPNFSSLSLRESMKETRPLIDNLSKK-VVIKTIETR   450
                                 .......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......440.......450

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gi|62414289|ref|NP_003371.2|     DGQVINETSQHHDDLE   466
gi|57114172|ref|NP_001009148.1|  DGQVINETSQHHDDLE   466
gi|31982755|ref|NP_035831.2|     DGQVINETSQHHDDLE   466
gi|14389299|ref|NP_112402.1|     DGQVINETSQHHDDLE   466
gi|73948956|ref|XP_535175.2|     DGQVINETSQHHDDLE   466
gi|110347570|ref|NP_776394.2|    DGQVINETSQHHDDLE   466
gi|114326309|ref|NP_001041541.1| DGQVINETSQHHDDLE   466
gi|18859549|ref|NP_571947.1|     DGHIINESTQN-EDLE   466
                                 .......460......
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