

gi|9256568|ref|NP_061345.1|MALPTARPLLG 12
gi|14389305|ref|NP_113846.1|MALPTAQPLLGS 12
gi|73959794|ref|XP_854112.1|MALQTAQPPPLGS 12
gi|154152139|ref|NP_001093844.1|MALQTAQPPPLGS 12
gi|53988378|ref|NP_005814.2|MALPTARPLLG 12
gi|118097902|ref|XP_414835.2| MPPLQLGFLMLSLWLGADAAAGTLYLCSLALNETAACTSVRSLRDRFVCYLSPSAVSNMGGDALSQAQRINESCLNLTILGRTKKGKAPSSLTTEELQVVSSELVNRNFERFTPAVLRVLDQLAVGLVSDIENKISGEDLEAIPILGK 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi|9256568|ref|NP_061345.1|AADFASLPTGLFLGLICEEVDLSMEQAKGLAMAVROKNIILRGHOL 101
gi|14389305|ref|NP_113846.1|TVDFASLPTGLFLGLICEEVDLSMEQAKGLAMAVROKNIILRGHOL 101
gi|73959794|ref|XP_854112.1|AADFASLPTGLFLGLICEEVDLSMEQAKGLAMAVROKNIILRGHOL 42
gi|154152139|ref|NP_001093844.1|AADFASLPTGLFLGLICEEVDLSMEQAKGLAMAVROKNIILRGHOL 42
gi|53988378|ref|NP_005814.2|AADFASLPTGLFLGLICEEVDLSMEQAKGLAMAVROKNIILRGHOL 101
gi|118097902|ref|XP_414835.2| VRGWADQSSGIINKLLSSGYQISSGQRLAKLGSVAGLNSSTHRSIPPEVILEAKLPEFVQOIEVLPSPLKRIFVEKSYESTLQIYIKIEAAMFFRDVTKTEPNFSRLSQSVLQGYTCAVANEMDPERVOELAKVMKRNKVLGADQL 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi|9256568|ref|NP_061345.1|RCLARRLPKHLTDEELNALPLDLLLFLNPFAMFPGQOACAHFFSLISKANVDVLPRRSLERORLLMEALKCOGVYGFVSEADVRLGGLACDLPKGFVARSEVLLPWLACCGPLDQSEKAVREVLRSGRITQVPPSKWSVSTLDLALG 251
gi|14389305|ref|NP_113846.1|RCLARRLPKHLTDEELDALPLDLLLFLNPFAMFPGQOACAHFFSLISKANVNVLPRRSLERORLLTGALKCOGVYGFVSEADVRLGGLACDLPGEFVAKSEVLLPWLARCGPLDQGAQAVREVLRSGRAPYGGPSTWSVSTLDLALG 251
gi|73959794|ref|XP_854112.1|RCLARRLPKHLTDEELDALPLDLLLFLNPFAMFPGQOACAHFFSLISKANVNVLPRRSLERORLLTGALKCOGVYGFVSEADVRLGGLACDLPGEFVAKSEVLLPWLARCGPLDQGAQAVREVLRSGRAPYGGPSTWSVSTLDLALG 42
gi|154152139|ref|NP_001093844.1|RCLARRLPKHLTDEELDALPLDLLLFLNPFAMFPGQOACAHFFSLISKANVNVLPRRSLERORLLTGALKCOGVYGFVSEADVRLGGLACDLPGEFVAKSEVLLPWLARCGPLDQGAQAVREVLRSGRAPYGGPSTWSVSTLDLALG 42
gi|53988378|ref|NP_005814.2|RCLARRLPKHLTDEELDALPLDLLLFLNPFAMFPGQOACAHFFSLISKANVNVLPRRSLERORLLTGALKCOGVYGFVSEADVRLGGLACDLPGEFVAKSEVLLPWLARCGPLDQGAQAVREVLRSGRAPYGGPSTWSVSTLDLALG 249
gi|118097902|ref|XP_414835.2| SCLVKMVTLRGVPKDLSYPKDLLLPLSPDVAATGSKQKQFANVNGKANLDDLQRESESRKRLLEALACLKIPGTQVKNENAKILGHVLCDELGEVIRSAGILLKELSCQESFLPGEAEAIRSVINSQNTVFGPPQVWSASTLNELT 449
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi|9256568|ref|NP_061345.1|SILVAVLDESIVQIPKDVKAEMLQHSRDPSPRLGSKLVHIFPRFRDAAEQKACPPGKEPYKVDDELIFYQNWLEACVDGIMLARQMDLVNEIPFTYEQLSIFKHKLDKTYPGYVESLQKLGHFFRVSPEDIHOWNVTSPP 395
gi|14389305|ref|NP_113846.1|GLLVVLDESIVHSIPKDVITTEWLOGISREPSRLGSKWVTHPRFRDTEQKACPPGKEPNVVDENLIFYQNWLEACVDGILLAGQMDLVNEIPFTYEQLSIFKHKLDKTYPGYVESLQKLGHFFRVSPEDIHOWNVTSPP 395
gi|73959794|ref|XP_854112.1|LGVMTFWLOGTSRDLTQWPELVILSRDRDTPKVCPPGKAHVVDENLVFYEWELEACVDGALLEAMDRVNMVFPFTYQQLDVFRRKLDQLYPGYVESLQKLGHFFRVSPEDIHOWNVTSLE 171
gi|154152139|ref|NP_001093844.1|LALLSSVORVTSRDLWQPELVILPRARRTEKKACPPGREAQVVDENLVFYEWELEACVDGALLATQMRQVNLIPFTYQQLHIFKRLKDEFPYQYPSLIERLSYFFLVVTPEDIHOWNVTSLE 171
gi|53988378|ref|NP_005814.2|GLLPVLDGPIITRSIPQIVAAWRORSRDPSPWRQPERITLPRFRREVEKTACPSGKKAREIDESLIFYKWELEACVDAALLATQMDRVNIPFTYQQLDVLKHKLDDELVYQYVESLQKLGHFFRVSPEDIRKOWNVTSLE 393
gi|118097902|ref|XP_414835.2| GLIPVFDHSIWKVPKDVLILWLNKFNFAESPLSRQAQLIIVAEELLSPQRKRDVGCSDAKKITETVLNDEMMPVIYSPPEELRACLKNVSLKDYFPQILTYPFTKEQLAVVKEKLEDETYPDGYPESLLPRLGPLASLITAEADVSKWKITPSAD 599
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



gi|9256568|ref|NP_061345.1|LVKILLKVKSGQKMNAAIALVACYLRGGGQLDEDMVKALGDIPLSYLDFSPDLSHVSVMWLVGPDLDKCSQRHLGGLLYQKACSAFQNVSGLE-EYFEKIKITFLGGASVKDLRALSOHNVSMDIATFKRLQVDLVLVLSVAEVOKL 544
gi|14389305|ref|NP_113846.1|TVNILLKVKSGQKMDAQVIALVACYLRGGGKLDIEDIVKALDNIPLSYLCDFSPDLDHAIPSSVMWLVGLHDLDRCSQRHLGILYQKACSAFQNVSGLE-EYFEKIRITFLGGASREDLRALSOHNVSMDIATFKKLQVDALVLSVAEVOKL 544
gi|73959794|ref|XP_854112.1|TVKSLKVKSGGKHVDAQVAALIACYVAGGGQLDKAALDVLATFSPTILCVLSPLEGLSVQHSVINVARAQLDADCPDMDVLYPKARAFQNLVSGS-EYFEKIRITFLGGASREDLRALSOHNVSMDIATFKRLQREAVLPLTVAEVOKL 320
gi|154152139|ref|NP_001093844.1|TVKSLKVKSGGRGVDAQVAALIARYVGGGQLDKAALDVLATFPAKLCFLRPEQLDSVQLSVLWMTTPQDLDACPPQMAVLYHKAHMAFQNVSGS-EYFTRIKPFLGGASREDLRVTSQHNISIDAAFKKLTTEAVLPLTVAEVOKL 320
gi|53988378|ref|NP_005814.2|LTKALLEVNGHEMSPQVALILDRFVKGKGLDQKDLTDLTAFVPGVLCSLSPPEELSSVPPSINAVRPODLTCDPRLDVLVYPRARLAFQNMNNGS-EYFVKIQSFLGGASREDLRALSOHNVSMDIATFKKLRDAVLPFLTVAEVOKL 542
gi|118097902|ref|XP_414835.2| MIAALLQDLQ---NEQAQAVISRYVALGNPLNATALNAIDTK---YLCLLNATLNMIDPNSLKLAS-LHPSACQQLTDILYVRAKRAFSDQHYLRSYVTLTEPVLGGAPVEDLRALSKDNVNMNVDLVLNLRDALMSLTPAEVOKL 742
.....610.....620.....630.....640.....650.....660.....670.....680.....690.....700.....710.....720.....730.....740.....750



gi|9256568|ref|NP_061345.1|LGNIVDLKTEEDKSPVRDWLFROHVKDLDRLGLGLOGGIPNGVYLVDLDFNVREAFSRASLLG--PGFVLIWIPALLPALRLS 625
gi|14389305|ref|NP_113846.1|LGNPHGDLKTEEDKSPVRDWLFROQKDLDSLGLGLOGGIPNGVYLVDLDFNVREAFSGAPLLG--PGFVFAWIWIPALLPALRLS 625
gi|73959794|ref|XP_854112.1|LGNLAGLKAECQNSPVRDWILRORDDLDRLGLGLOGGIPNGVYLVDLDFNVREAFSGARLLR--PGPVFTAILALLGLIPK 401
gi|154152139|ref|NP_001093844.1|LGNPLVGLKAEQNMFLRDRWISROSQEDLDRLGLGLOGGIPNGVYLVDLDFNVREAFSGPRLGCGPGPVLTVAALLLVLVL 403
gi|53988378|ref|NP_005814.2|LGNPHVEGLKAERHRPVRDWILRORDDLDRLGLGLOGGIPNGVYLVDLDFNVREAFSGAPLLG--PGPVLTVAALLLVLA 622
gi|118097902|ref|XP_414835.2| LGINLRDLSNWRNTPPIQEWARKOKTELDKLVGFTGGTEQGMNIVTPKFRM-- 797
.....760.....770.....780.....790.....800.....810.....820.....830.....

