>SlEDR1-1

MKHIFKKLHHSNRSNDAQSTSSISSSSSPASSLSSASCTTDHRNSNSVSQSPLSPSTISTASTTTTPAAPVGAGGGGGGGNLSTINRQQDYYTSEEEYQVQLALALSVSSSQSQDPFPSDVNSSNGHGVGRTAVDLARDREDAAADLLSRQYWDYGVMDYEEKVVDGFYDVYNLFTDPASRGKMPSLSELETNPGTSNFEGVIINQRIDPSLEELMQIAHCITLDCPASEISLLVLRLSELVTGHLGGPVKDANIILAKWMEISTELRTSLHTSVLPIGSLKIGLSRHRALLFKVLADHVGIPCRLVKGSHYTGVEDDAVNIVKLPNDSEFLVDLMGAPGTLIPADVLSAKDASFNSPKLNKIPSLPSNSHSGVSYPRRNLLSGQNSVLGDDFSGRSKPEKIESVHSISDAGGSSTAGSSGINKRPSSNQVDWTSPLAIGTSLYKGGRGPNAAGDGLRLNVNVVPYDQNNPEDPKNLFADLNPFQIKGSGNTLLQKNPARNKVSELQQPINTLIPGRPPAPMMWKNRYAPNEVPRKNESDSEGLFPKKNGGSSGYNISSIASTSSNIPQKSSTDTSRLHGNSRPAYRGNDEVASTRNNSSILSAELEFRRLSVQNSQNNNRETSQWEGHSLQSDDLNRTQAYGDDIIVESDHTRNLQAQSIGTNIKLKEPENPTSSGNLGPSQVDPVFDDVGDCEIPWEDLVIGERIGLGSYGEVYHADWNGTEVAVKKFLDQDFSGAALAEFKREVRIMRRLRHPNVVRFMGAITRPPHLSIITEFLPRGSLYRIIHRPHFQIDERQRIKMALDVAKGMDCLHTSNPTIVHRDLKSPNLLVDTDWNVKVCDFGLSRLKHNTFLSSKSTAGTPEWMAPEVLRNEPSNEKCDIYSFGVILWELATLRLPWSGMNPMQVVGAVGFQNKRLEIPKELDPIVARIIWECWQTDPNLRPSFAQLTVALTPLQRLVIPAYVDQLNSRLPQEISVNSTP

>SlEDR1-2

MFASGKSCGVPFTSLLDEQNYNVVNYDEKVMDGFYDVYGINPCAVIQGKMPLLVDLKAVSVLDNVAYEVILVNRAADMELRQLEERVYFMSRECRALKKVPVTSFLVEKIADLVVNRMGGLVNDAEEMSKRWTARSYELRISLNSIILPLGCLDIGHSRHRALLFKVLADRINLPCKLVKGSYYTGTDDGAVNLIKFDNGSEYIIDLMGAPGALIPTEAPTGQLQSYAVDVHSVTPLPSGGTVISFPVFDTQTRTGSGSVNAAHGTANTWISREEPAFYHNEAKGNYGNSSGRTGSTQFEHDSGNLPPLSARLCDASAVSHDNASIAQITQAREAYENVNSLAENSEAKLLGVSPESQMYLQSDLVLGVVAGKNQLSEERAVNTRQSSENNNQSLVTFTGMQFPYSISYESEQEYTVALPRNDTLNDTSGDKFFRGEFGNISHNDCTYKDKESATKAREIVTCIQSKSYAVQKEQLDPMLRGVAEWEIPWEDLHVGERIGIGSYGEVYRAEWNGTEVAVKKFMNQDITSDALEQFKCEIEIMLRLRHPNVVLFMGAVTRPPNLSILTEFLPRGGLYKLLHRPNILIEEKKRMRMALDVAKGMNYLHTSNPIIVHRDLKTPNLLVDKNWVVKVCDFGMSRMKHHTFLSSKSTAGTAEWMAPEVLRNEPSNEKSDVYSFGVILWELTTLQVPWTGMNSMQVVGAVGFQGRRLDIPPSVDPIVAEIISECWNQDPQVRPSFAQIISRLKRLQRLNIQGFETCTNRH

>SlEDR1-3

MSGRRSSYTLLNQIPNDNFFQPPAPKFSAGAGVAPYGESSSAEKNRGKVFDLDLMDQRMMQSHNRVGSFRVPGSIGSQRQSSEGSFGGSSLSGENYVGTSFGHKNEGCGSSVARSWAQQTEESYQLQLALAIRLSSEATCADSPNFLDPVTDVLASRDSDSTASAVTMSHRLWINGCMSYFDKVPDGFYWIYGMDPYVWALCSVVQESGRIPSIESLRAVDPSKAPSVEVILIDRCNDLSLKELQNRIHSISPSCITTKEAVDQLAKLVCDHMGGAAPAGEEELVSMSKGCSNDLKDRFGTIVLPIGSLSVGLCRHRALLFKVLADIIDLPCRIAKGCKYCNSSDASSCLVRFEHDREYLVDLIGKPGVLSEPDSLLNGPSSISIPSPLRFPRYRQVEPTTDFRSLAKQYFLDSQSLNLLFDDSSAGAAADGDAGQSDRSCIDRNNVVSSSSNRDEISQLPLPPLNAWKKGRDKESQLSKMYNPRSMLNPVNMDEDQVLVKHVPPFREDAQSPMTRPDTVNDTRFLAGGGHVVSAIPSEELDLDVEEFNIPWNDLVLMEKIGAGSFGTVHRGDWHGSDVAVKILMEQDFHAERLKEFLREVAIMKRLRHPNIVLFMGAVIQPPNLSIVTEYLSRGSLYRLLHKPGAREVLDERRRLCMAYDVANGMNYLHKRNPPIVHRDLKSPNLLVDKKYTVKICDFGLSRFKANTFLSSKTAAGTPEWMAPEVIRDEPSNEKSDVYSFGVILWELATLQQPWNKLNPPQVIAAVGFNRKRLDIPSDLNPQVAIIIEACWANEPWKRPSFSTIMDMLRPHLKSPLPPPGHTDMQLLS

>SlEDR1-4

MEVPVRRSNYAILQQQPPYDEFNSDEKSKSRGDKGLYWDLIDRRKGTTPFQASIVLPTQSSEGSFAESSISGVSFGYMNAYSDVGGSLSKSWAQQTEESYQLQLTLALRISTEATCADDPNLLDYVPDESVSHASASSASVEAMSHRFWVNGSLSYFDKVPDGFYFIQGMDPYIWTVCSDLQESGRIPSIESLMAVDPSVVPSVEVILIDRQSDPRLKELQNRIHSMYRSCNTTKEVVDQLAKLVCNHMGGAASVGEGDFIPIWKECCNDLKDCLGCFVFPIGSLSVGLCRHRTLLFKVLADIIDLPCRIARGCKYCKESDAFSCLVRFGLDREYLVDLIRDPGCLYEPNSLLNGPSSISIPSPLRLPRFGQVEPAMDFTSFAKQYFSDCLSLNLAFDDSSAGTAVDGDAGQTDRSSMDKSSAVPSSSNRDEVSRLPLPSINAWNKGCDKGSQLPAKYHPPNMSISMSQEKDLIHLKNVPPIRYVDAHLIAISEARTDTINDQRYFEGVGRLAPAKPSRGLVLDVEDLDIPWNDLVLKERIGAGSFGTVHRADWNGSDVAVKILMEQDFHAERYKEFLQEVAIMKRLRHPNIVLFMGAVTEPPNLSIVTEYLSRGSLYRLLHKPGAREVLDEKRRLCMAYDVAKGMNYLHKRKPPVVHRDLKSPNLLVDTKYTVKVCDFGLSRLKANTFLSSKSAAGTPEWMAPEVLRDEPSNEKSDIYSFGVILWELATLQQPWSNLNPPQVVAAVGFKGMRLEIPRDLNHPVTTIIEACWVNEPWKRPSFSTIMDMLKPLI

>SlEDR1-5

MEMSTRRSNYTLLSQVADDNYLPPPPKYSVTGGGGGGGGVAPYYESHSGEKGKGKTGDNRGFDWDLSDHRSNMMQASNRIGAAAFPGSIGLQRQSSGSSFGESSISGEYYMPSLSNAEASFGYLNDGGGGAEVRMKPLEANLFGGSSSKSWAQQTEESYQLQLALALRLSSEATCADDPNFLDHVPDESASRASASAASAETLSHRFWVNGCLSYFDKVPDGFYLIHGMDPYVWIVCSDLQENARVPSIESMRAVDPSVVPSVEVILIDRRTDPSLKELQNRIHSLSPTCGTTKEVVDQLAQLVCSHMGGATSAGEDELVPLWKECSYELKDCLGSTVLPIGSLSVGLCRHRALLFKVLADAIGLPCRIAKGCKYCNRADASSCLVRFGPDREYLVDLIGSPGCLCEPDSSLNGPSSISISSPLRFPRFREVEPTTDFRSLAKQYFSDCQSLNLVFEESSAGAAVDGDAGQTDRNNIERNSAVTGPSNRDEVSRLPVPAIRDMAPVKYVRPVLHGDTQLSDPRDIGNDMRFLERGSQLVPSKISRDIALEIEDFDIPWEDLVLKERIGAGSFGTVHRADWNGSDVAVKILMEQDFHAERFKEFLREVAIMKRLRHPNIVLFMGAVTQRPNLSIVTEYLSRGSLYRLLHKPGAREVLDERCRLSMAYDVAKGMNYLHKRNPPIVHRDLKSPNLLVDKKYTVKVCDFGLSRLKANTFLSSKSAAGTPEWMAPEVLRDEPSNEKSDVYSFGVILWELATLQQPWSNLNPAQVVAAVSFKGKRLDIPRDLTPQVASIIEACWAKEPWKRPSFAAIMDMLRPLIKPPVTPPQPGRTDTQLIA

>SlEDR1-6

MPHRTTYFFPRQFPDRGLDASAKFVNDHEKEKEKKISDVEDRKSSSKERDVVASKQLISDVKETDNNNDDATFSYGNRDKIHGKQLAAFVNWLTEKNKKGKSIRNHVKIKLDDGDTEDEHELLLPVPPEAVPIHELQVDCHVAPLEQKQQGTFDRKASLQRLSSSGSNYSCVGKQFERQTSLQRLSSWGSTSYAGSLFSGTTVDGNWPSTGVKDTQTSTTREVEEEVVGQDAEERVDNEDTLIQKSKESYYLQLTLAKKLVEQAMLASGEPILLQECKNIKGLGGSSDAQTVSYRLWVSGSLSYADKISDGFYNILGMNPYLWVMCNATEDGKQIPSLMALKGIEPSETSMEVVLIDRRGDSMLRELEDKAQEIYFAAENTLVLAENLGKLVAVYMGGSFPVEQGDLHQRWQAVSKRLQDLQKCIVLPIGSFSSGLCRHRAILFKKLADYVGLPCRIARGCKYCVADHRSSCLVIIEDDRRLSREFVVDLVGDPGNVHGPDSSINGGVLSRVPSPLQVSHLTEFQQPYMDSDISNQLLHSNDTFAAPENALHTDPHVESKHVKGIVVSDKPKFPNDPLYQPYQALEAKPCEVLVAAETAGDENSRPREDKIIIRQTYKKEVVLSKNSPLQSGRPPKSTLIGKMDVMEPGGRTGNREKHPTTTNPRYLHLEPFLAMDWLEISWDELHIKERVGAGSFGTVHRAEWNGSDVAVKLLTVQDFHDDQLKEFLREVAIMKRVRHPNVVLFMGAVTKRPHLSIVTEYLPRGSLYRLIHRPAAGELLDQRRRIRMALDVAKGINYLHCLSPPIVHWDLKSPNLLVDKNWNVKVCDFGLSRFKANTFISSKSVAGTPEWMAPEFLRGEPSNEKSDVYSFGVILWELVTMQQPWNGLSPAQVVGAVAFQNRRLTVPQNTSPMLASLMEACWNDDPVQRPSFASIVDTLKKLLKSPLQLIQMGGTMKS

>SlEDR1-7

MEERGDEVGPSEQRSPGAACWPSDFVEKFGSVSLDSKEENLRNKEPSENEIHDRLPCQTASQILWKTGTLSDPIPNGFYSVVAEKRLKEIFEDIPTFDELQALELEGLRADIILVDFEKDKKLSMLKQLIVALVKGLGSNPAAIIKKIAGLVSDVFKRSNPELSPSKAALEESSHISEIRGIQMLGQIKHGSCRSRAILFKVLADTVGVESQLVVGLPADGASECVDSSKHMSVIVVLNSVELLVDLMRFPGQLIPRSAKAIFMTHISAAGESDSAENDSCDSPLEPNSPLYGFSERIDPESSEKDDALQCQRRLEASSNAAGPSLRNMMLRSTSIDRKLSFSHSEPNIATAAWRRSRRKVITEQRTASSSPEHPSFRARARSMLSGDTKTFKDYSDDVATSRSEGASTSEPRRLRRRSISITPEIGDDIVRAVRAMNEAMKQNRREQGENSSSPHSSNDRGGTLDLQKNVSDFHHDDPEISRGQSSMFPLSREHLSSQKAVSLPSSPHEFRRQALEGRGQMNDKMVSTWNKILESPMFVNKPLLPFEEWNIDFSELTVGTRIGIGFFGEVFRGIWNGTDVAIKVFLEQDLTEENMEDFCNEISILSRLRHPNGISLIFFFSRIGFSFLLGSIILLLPSTVAVILFLGACTTPPHLSMVTEFMEMGSLYFLIHLSGQKKRVNWRRRLKMLRDICRGLMCMHRMKIVHRDLKSANCLVNKHWSVKICDFGLSKIMTDAPMRDTAAAGTPEWMAPELIRNEPYTEKCDIFSLGVIMWELCTLERPWHGVPPERVVYIVANEGSRLEIPEGPLGQLITDCWAEPKDRPSCAEILTRLLECEYAIC

>SlEDR1-8

MEKTGNDTGPSEALPPDSPWWPADISDKLQLITLVSSEDKANSTVLSSKQEREGLASKRASQILWDTGELAEPIPDGFYFVIPERRFKELFDTIPSLDDLYALETEGLRPNVILVNMHKDKKLSMLKQLTLTLVKGLSSTPAVVVKKIAGLVCDFYKHPKYKSTHVSGTLEEVSHALGSQGIHMLCQIKDGSCHSRAILFKVLADTVGLECKLIVGFPRGGALECADSSKHIYVTVILDSIELLVDLMHCPGKLFPCSTKQLHRSHFFGESDSVETDSCNSPMGPISPTCFSSDYSGTGSPEHPFLRGPGRSILGGRAQSFKDCNYDVTSSRSAGASPIHTRRRRRRSISMIPEIGDDIVRVVREMNATMKKNHLSAEQATFDLSTRKGGDNFGHQVQNFRSDDLNTGNSEKGQAPHFHRKCLPSDKAISLPSSPRWSYGRGKAAGIFGSPDMMSRLDKVIESSRILNKPLLPFDEWNIDFSEITIGARVGIGFFGEVFRGIWNGTEVAVKVFLEQELTEENIEDFANEISILSRIRHPNVILFLGACTTPPRLSVVTEFMEMGSLYHLIHVSGQKNNLSWQRRLKMICDICRGLMCIHRMKIVHRDLKSGNCLVNKHSKVKICDFGLSRSLTPSPMQDSSSAGTPEWMAPELIRNEPFTEKCDIFSLGVIIWELYTLKRPWEGVPPIQVVYAVANDGKRLEIPEGPLGKLIADCWAEPDERPSCEEILSRLGECIRSSAN