>OsEDR1-1

MKNLFKSKIKWQHRSNDPASSQGQGQGLPQQTPPSPSPASSPSGGPPALSVSTVSSSSPSAAATPTGAAAAGAGGGGGGTGGEDYMLSEEEFQMQLAMALSASNSECVGDLDGEQIRKAKLISLGRGDRFAAVRDDEQTADALSRRYRDYNFLDYHEKVIDGFYDIFGPSMESSKQGKMPSLADLQTGIGDLGFEVIVINRAIDTTLQEMEQVAQCILLDFPVANIAALVQRIAELVTDHMGGPVKDANDMLTRWLEKSTELRTSLHTSLLPIGCIKIGLSRHRALLFKILADSVGIPCKLVKGSNYTGDDDDAINIIKMNEREFLVDLMAAPGTLIPSDVLSWKGNSLNSNARLTQNPLAGSSSTTDSNLSANALPPGHKGGQLPLFSSGDWISASQSGYEKDGATTSSQASSSGTTSVAAGSAFDSSWTLVSHGQSDDPSTSAGMSAQQKVILPGGEHPWNENINARNENIKLVSDLQGNSESINLFADLNPFGGREPKRTSVPLNGPDNRNNELQRRRENVVPSTRRPQQRLVMKNWSPYNDVSNNKQYNYVEDSFARRNIGDNAASSSQVPRPSAKNTNLNVVVRTDTPYMAAHNYDNSMAGSSAMKMTSTAGIGKVPDKVLYGDLDKGLTNSRLGDQPPIERHKWGNSVEGRIPTGTVHNQAKEHKENFDGKQDNKKLHPDPKKSPLDRFMDTSMPSRNPESVSPSFARSHKLDTMFDDVSECEIHWEDLVIGERIGLGSYGEVYRADWNGTEVAVKKFLDQDFYGDALDEFRSEVRIMRRLRHPNIVLFMGAVTRPPNLSIVSEYLPRGSLYKILHRPNCQIDEKRRIKMALDVAKGMNCLHISVPTIVHRDLKSPNLLVDNNWNVKVCDFGLSRLKHSTFLSSKSTAGTPEWMAPEVLRNEQSNEKCDVYSFGVILWELATLRMPWSGMNPMQVVGAVGFQDKRLDIPKEIDPLVARIIWECWQKDPNLRPSFAQLTSALKTVQRLVTPSHQESQSPPVPQEIWVNSSTP

>OsEDR1-2

MKNFLRKLHIGDSAGDGASSLAPPPPVSKKGGGGGGGGGGGGAQHEHKHGSGISSWLSSVTGRPQTQPSPSPPFAADAVVEAEAAALASSVEVRRLEVEEEEEKARRESREESVRKREMEKEKQEAELEEYHMQLALEMSAREDPEATQIEVAKQISLGSCPLQSSPAEVVAFRYWSFSALSYDDKILDGFYDIFVIGDEPTLPTIPSLTELHQQPFSHASKTEAVLVNRAQDTKLVQLEQKALIMAVEVRSKTPEFVGHNLVQRLATLVSDYMGGPVIDPESFLSKYQNVSSSLRASIRSAVMPLGELTIGLARHRALLFKVLADSLAVPCRLVKGRQYTGSDDGALSIVKFNDGREYIVDLMSDPGTLIPSDGAGLGREFEDSLFADSHHVNKDDCNTQLGSSFSEVSSSMYGSFENESLEKVSTPSNFGHSDPYGITTGQTGSQGSAVSGSFGELSISTSTSENLPVIHESRNTDHTMSTQSKDKSSAANNSSSSSPSSSEVGGAPAVRRMKVKDVSEYMISAAKENPQIAERIHAVLLENGVVPPPDLFSEESREQPKDLIVYDTSLFQTKDEMIKRMNELESTTNADFCHGPSVPHPPGHELQTKAVPYRIPLDLKPIQGLGTYHPSDSRNSTGSSHMYEPSAPPQEDPLQLIKQMPVAAAAVATAAVVASSMVVAAAKSNSDIKLDVPVAAAATAAAVVATTAAVNKQYEYLEPGCQLLSLPSSSGANELIPKGRHDFWDNQLEIDHGQTSVPEKEKDLVEVPQEAERVSDKSVGTESSRSDIALDGVAEFEIQWEEITLGERVGLGSFGEVYKGEWHGTEVAVKKFLQQDISSDALDEFRTEFQIMKRLRHPNVVLFMGAVTRVPNLSIVTEFLPRGSLFRLIHRPNNQLDERRRLRMALDVARGMNYLHNCSPVVVHRDLKSPNLLVDKNWVVKVCDFGLSRMKNSTFLSSRSTAGTAEWMAPEVLRNEPSDEKCDVFSYGVILWELFTLLQPWEGMNPMQVVGAVGFQQRRLDIPAHVDPTIAEIIRRCWQTDPKMRPSFSEIMSSLKPLLKNTLANQPQRQRVQRADG

>OsEDR1-3

MKNFFRKLHIGEGSGDGASSSPPPPPSSRKGSGGVGGNHHLHAEQRQPSASAVSSWLDSVPGRPQPPTPSTPSEAEGSPFSSSVGSGAEERRQSVAAERRRSQEEEWERRRSQEEEAVREMRRSQEEDEVEERVIRESSEAEERKRVREKEDDDLEEFQLQLVLEMSARDNPEEMEIEVAKQISLGFCPPQSSTAEALAARYWNFNALGYDDRISDGFYDLYVTGNGPASITMPSLKDLRAQSLSHRVNWEAVLVHRGEDPELMKLDQTALIMSLELRESKPSEFVGNDLVQKLAGLVARHMGGTFFDSEGMLVKYQKMMRYLRTSIGSVVVPLGQLKIGLARHRALLFKVLADNIGIPCRLLKGRQYTGSDDGALNIVKFDDGREFIVDLVADPGTLIPSDGAVLSTEFEESSFSNNHHFNKDNDIRQLGSSNSLSNSACSSFECELLDRRSTWINVGPSDSDGATTSQTSKNNQQNTLSDSFGILSVSTFTSENRPITNESRSTDDIAAAKNKERSSVTINSSSTSPSPSSPEVGSTPAVRRMKVKDISEYMINAAKENPQLAQKIHEVLLENGVVAPPDLFSEDSMEEPKDLIVYDTTLFQSKDEMKKRMNELGSREYADRGHGPLLPHHPGHELPSKVPHRAPLDSLKPVEGLGIDHPPDIQDNTSFISQYEPSAPPQEASSQLTKQLPVTAAAVATAAVVASSMVVAAAKSNNDVNFDVPVAAAATVTAAAVVATTAAVSKQYEHLEPGNQLHSLPSPSEGNESIEKSADEFWDKQNFEIDHGQDNTLDQEKDSAEVRQDAERTSDKSSGTESAKSEITLDDVAEFEIQWEEITIGERIGLGSFGEVYRGEWHGTEVAVKKFLQQDISSDALEEFRTEVRIIKRLRHPNVVLFMGAITRVPNLSIVTEFLPRGSLFRLIHRPNNQLDERKRLRMALDVARGMNYLHNCTPVIVHRDLKSPNLLVDKNWVVKVCDFGLSKMKNKTFLSSRSTAGTAEWMAPEVLRNEPSDEKCDVFSYGVILWELCTLLQPWEGMNAMQVVGAVGFQNRRLDIPDNTDPAIAEIIAKCWQTDPKLRPSFADIMASLKPLLKNMTAQAPRQRVQQTDE

>OsEDR1-4

MKIPFVTKWSHRSHEPAAPSNPAAQQQPPPPSPAGVSSAAAAAVVEEAEMETGGDDFITQEEEYQIQLAMALSASASVSAPSGGGGSGDTEGEQIRKAKLMSLGRGDLSAAADRGVGDSAEALSRRYRDYNFLDYNEKVIDGFYDIFGLSGESARQGKMPSLAELQTSIGDLGFEVIVVDHKFDSALQEMMEVAQCCMLGCPDTTVLVRRIAEVVAGHMGGPVIDATEMFTKWLGKSIEQRTSHQTSLLPIGRIDIGLSRHRALLFKILADSVGIPCKLVKGSHYTGVEDDAINIVKMNNEREFLVDVMAAPGTLIPADVFISKGTPFNLTKPLVQNQVVELASNIENDPSAAHSEHVGNRLHMFGNGNSLSENQSGCEKTMIAGSEVSQLWTLAPQMQSDQQSTSAGAHSMQKEDLKLTPDSQENEESKKQISETDSFRGIELGKSSLAFKGLNNRNNEYQRHRENIAPAPGRSQQPLVMKNWSACNDISNKQYNIAERLVRRRNTSDNAASSSQLAWSTAKHYNPNGRERNDRLCAAPGRNYDNRKVGASTTATASATGERLDRPNLAPVHYYDDKPNGISSVNAASTSGIVKVAEKGPHDLEKVPIYSRFDSQIYSSMQGYSPEVKENKENYDRHDNMRLHPDPRRSPLDRFMDTSRQNSESVSPPQAGSSTVDMVLGEVSECEILWEDLLIGERIGLGSYGEVYHADWNGTEVAVKKFLDQEFYGDALAEFRCEVRIMRRLRHPNIVLFMGAVTRPPHLSIVSEYLPRGSLYTIIHRPDCQIDEKCRIKMALDVARGMNCLHTSVPTIVHRDLKSPNLLVDNNYIYRSVILDFHV

>OsEDR1-5

MKHLLRKLHLSGGGGSGGGAAAAGAPSGEHHHRPRQHRRSSAQPPPLPPPPVVAAAAAAEAAPVMAPVAAPVAAAAAEPRGMGADATMTRLEEEYQVRLALAISASDHAGLVDADSVQIRAAERISLGGAAGDRGPMEALSARYWNHCVVNYDERLSDGFYDVCGAPMHPHFQAKFPSLTTLRAVPVGGDAAYVAVLVNRERDPALKRLEGRALAIAAQDRAEHGGVASPELVQKIANLVVDAMGGPVDDADEMNREWGVKSRALCLQRNSIVLPLGLLRIGLSRHRSLLFKVLADRVNLPCKLVKGIYYTGTDEGAINLVKIDFDSVEYIVDLMGAPGTLIPSDISGSQFQDSNNSQLSNDAIEESVAELCIALEQISAGCKNTSDMGGSSSEQKSALALASSQLEDIFHTENPLKQSTISDGGEIPHLMKVNDAPMYLVPTEVDPQFAQNLQDLLLEGTALLPTYEKPEICKHTASEDDKTAGWLVIAKTGQNLPNGHVAEDSPLQHGNTKTLAVVNCFHEDAQHDVGNTEAIGRNLDLHDHTAHAIANEDQRFSEDSLVKMPGSSNGNLDKSSCSSTKTISSVIDDVADYEIPWEDLHIGERIGLGSYGEVYHADWNGTEVAVKKFLDQDLSGVALDQFKCEVGIMSRLRHPNVVLFLGYVTQPPNLSILTEYLPRGSLYRLLHRPNSQIDETRRLKMALDVAKGMNYLHASHPTIVHRDLKSPNLLVDKNWVVKVSDFGMSRLKHHTFLSSKSTAGTPEWMAPEVLRNEPSNEKCDVYSFGVILWELATMRVPWSGLNPMQVVGAVGFQNRRLEIPKEIDPLVATIISSCWENDPSKRPSFSQLLSPLKQLQRLVVPENC

>OsEDR1-6

MKADAKWPAMVLGGGGGGGRRASPGSAPPPAAPAAVAYSLLATSPPASIGNGGGSPHCDDGDASRGLGVADWLRLQRHSSGSSAGDDGDGFSSVSTLATADKGGDPADRPAGSSGGGGSKSWAQQAEEAYQLQLALALRLCSEASTAPDPNFLDSAVAAADDHHRDAPSPQSLSHRFWVNGSLSYSDKVLDGFYLIHGMDPFVWTLCNDLRDGARVPSIESLKAMNPTESSVEVVLIDRVVDYDLRQLISTAIDVSRSRADSREITTRLAGIVSSKMGGSVASTEEHELCPRWRDSAGFLKISSGSVVLPIGKLSIGLCRHRSLLFKTLADTISLPCRVVRGCRYCKSAGAASCLVHFGNDREYLIDLIGNPGFLSEPDSLLNGLSSISVSSPLRPPKYNSADIVNNFKSLAKQYFLDCQSLNMMFNDPAAGTVVDLDEAMGSNIGPNLSPATNSDFQANFSHRSRGAQSSGQDGNFLIQKSSPEDTQSAQSDPFSDISLDIEDLIIPWSELVLKEKIGAGSFGTVHRADWNGSDVAVKILMEQDFHPERLKEFLREVAIMKSLRHPNIVLFMGAVTQPPKLSIVTEYLSRGSLYRILHKHGARENLDEKRRLSMAFDVAKGMNYLHKRNPPIVHRDLKSPNLLVDKKYTVKVCDFGLSRLKANTFLSSKTAAGTPEWMAPEVIRDEPSNEKSDVYSFGVILWELMTLQQPWSTLNPAQVVAAVGFNGRRLEIPSSVDPKVAAIMESCWTKEPWRRPSFASIMESLKPLIRTPHQLQEDIS

>OsEDR1-7

MKADAKWPAMVLGGGGGGGRRASPGSAPPPAAPAAVAYSLLATSPPASIGNGGGSPHCDDGDASRGLGVADWLRLQRHSSGSSAGDDGDGFSSVSTLATADKGGDPADRPAGSSGGGGSKSWAQQAEEAYQLQLALALRLCSEASTAPDPNFLDSAVAAADDHHRDAPSPQSLSHRFWVNGSLSYSDKVLDGFYLIHGMDPFVWTLCNDLRDGARVPSIESLKAMNPTESSVEVVLIDRVVDYDLRQLISTAIDVSRSRADSREITTRLAGIVSSKMGGSVASTEEHELCPRWRDSAGFLKISSGSVVLPIGKLSIGLCRHRSLLFKTLADTISLPCRVVRGCRYCKSAGAASCLVHFGNDREYLIDLIGNPGFLSEPDSLLNGLSSISVSSPLRPPKYNSADIVNNFKSLAKQYFLDCQSLNMMFNDPAAGTVVDLDEAMGSNIGPNLSPATNSDFQANFSHRSRGAQSSGQDGNFLIQKSSPEDTQSAQSDPFSDISLDIEDLIIPWSELVLKEKIGAGSFGTVHRADWNGSDVAVKILMEQDFHPERLKEFLREVAIMKSLRHPNIVLFMGAVTQPPKLSIVTEYLSRGSLYRILHKHGARENLDEKRRLSMAFDVAKGMNYLHKRNPPIVHRDLKSPNLLVDKKYTVKVCDFGLSRLKANTFLSSKTAAGTPEWMAPEVIRDEPSNEKSDVYSFGVILWELMTLQQPWSTLNPAQVVAAVGFNGRRLEIPSSVDPKVAAIMESCWTKEPWRRPSFASIMESLKPLIRTPHQLQEDIS

>OsEDR1-8

MPHRRRLLNPAPSLPPPPAAAPAGFHHHLLAVDDTRLPLLADYALLQGDAAAAPASAEWSAGSGFTGISTDPATATTATTASTATAPGSASNLTAATAGGGGRETWVRRAREGYYLQLSLAIRLTSEAFLAGVPPELLIGCGGGGEAENHADVAADAAAVSYRLWVNGCLSWGDKIAHGFYNILGVDPHVWAMCNAAAEDGRRLPTLVALRAVDSGESSVLEVVLVDKCGDPALADLERRALDLYRAAGVSLDLVRHLAVLVSDHMGGALRSEDGDLFMRWKAVSKQLRKRHRCVVVPIGSLSIGFCRHRAILFKSLADFIGLPCRIAQGCKYCSAPHRSSCLVKIDNERRFVREYVVDLVVEPGRLSSPDSSINGQLLSSVPSPFKTSCTMSSANYATPAASWNRAISGDRRNSILSNPQYSVAKYCVAEEKSSVQVATKEAMLPKCGQITQNGNCNKNSMAVFEVSKQMKAMEISSESGDKDNISSATPLKRLSIEPSFCADWLEISWDEIELKERVGAGSFGTVYRADWHGSDVAVKVLTDQDVGEAQLKEFLREIAIMKRVRHPNVVLFMGAVTKCPHLSIVTEYLPRGSLFRLINKASAGEMLDLRRRLRMALDVAKGINYLHCLNPPIVHWDLKTPNMLVDKNWSVKVGDFGLSRFKANTFISSKSVAGTPEWMAPEFLRGEPSNEKCDVYSFGVILWELMTMQQPWNGLSPAQVVGAVAFQNRRLPIPQETVPELAALVESCWDDDPRQRPSFSSIVDTLKKLLKSMLGGS

>OsEDR1-9

MDLPAVTGRRTTSYSLLSQFPDDAAVLQRQSSGSSYGAGSSLSASSDFPFHLPSAAAPAAGAPGGSPCKSWAQQAEETYQLQLALALRLCADAASAADPAFLDPGHSATATAGPFPLPPPTPSADSLSHRFWVNGSLSYSNTIPDGFYLIHGMDPFVWSLCTDLLEENRIPSIDSLKSVRPDDSSMQAILIDRRTDFDLGMLENYASSFLSSSADMKDVINQLAKLVSSRMGGTTSNEESFLPRWKECSDAIKSSTGSIVLHLGKLPIGFCKHRSLLFKMLADKVNVPCRVVKGCKYCKSDDATSCLVRFGLEREYLVDLIGDPGQLSDPDSFVNGPYSLSVPSPLRPPKFRSLEITSNFSSVAKQYFSDCHSLNLLFNEASTGANSNAAVAMDQPYSTRKHDTRDDIMSSWVPVKGQAAVSSDAILPEAPREVLPLITSSNLKAEKKKEFKLIEGNQYLRSTVSDLSLAVDDLIIPWNELILKEKIGAGSFGTVHRADWNGSDVAVKILMEQDFHPDRFREFMREVAIMKSLRHPNIVLFMGAVTEPPNLSIVTEYLSRGSLYKLLHRSGAKEVLDERRRLNMAFDVAKGMNYLHKRSPPIVHRDLKSPNLLVDKKYTVKVCDFGLSRLKANTFLSSKSLAGTPEWMAPEVLRDEPSNEKSDVYSFGVILWELMTMQQPWCNLNPAQVVAAVGFKGRRLDIPKDLNPQVAALIESCWAKIILSGYRLLAKLSSVQNGLFVVTEMRVRARSGRRWSSWVLLDYVAFISNSNHHGNATTARSKTRTGQPIEVSFWTAPPPRVSYMCVHCPRLDPYKFATEPTIMATEADLVLIRVTIGPRGNCFNTKCSDLFIFFDREVGLLRCGSVRRRHDPTRLGLHAHTGPDDGTYIVAVLCNTFQSGNLEYALYLYRAGADAWTCHPLSLHGLVDPTSFIHVNTNTITVGGEAGTMAWVDLNRGILFCDLLPCPYTPLLLRYFPLPPPLRLSAHTKLTGCPRFSHDIALVQGRFNFTQMRIHVKPGSITNGTYISQGWTLATWSAPATNPWKQGWRQDCNLSASDLSVDANTMNFQLLPKLSDHQQGTPQQTLERLHVGHPTLSLQSNDIVCLMAKVDQWDDHAWVLAVDMKNRRLKDVAQFGAERTLGISLVYISSMISEYLRTAPGIKGNLKRQGVVFTVPSHKKQTRMVHLSTPSWKGGDQQNSGTSMDDGEDNMDLDLDMFFG

>OsEDR1-10

MDDLPDDQGQSDAHPSDPNWWSSHAEHKLGSISLTKQERNSGSPGSSHCGEGDHSLWAAQTLWCTGCLSSPIPNGFYSIIPDKKLKERFDTIPSPDDLYSLGIEGFKAEIILVDLEKDKKLSAIKQLCAALVKGLKSNPAAMIKKIAGLVSDFYKRPNPQLSPARTSSEEISHFMENRGVQLLGQIRHGSCRPRAILFKVLADAVGMDCKLLVGIPNEEYHEYDDSSKHMSVVVMLKSVEFLVDLMRFPGQLVPFSSKAIITSHISAAGESDSADYDSCDSPLEPNSPLCSQRQEQDDNNRSFKVPSLRNIMLKSTNSMEGKLRCSSHSEPNVANSFCGRSRRKVVEEHQRTASSSPEHPLSRTRGRSMLGDRQHGDGVAVSRSDGASTSNMRRGRRRSISFTPEIGDDIVSAVRAMSERMRENRLSRGQNDGSPGQLNDSQKNESPHDFNDNELHVRGPDEQEGSRRQVSNQKAVSLPSSPHRLRSDGSGLRGPAEFLTADLMSTWNKVLRSSPFLNKPLLPFEEWHIEFSEITVGTRVGIGFFGEVFRGIWNGTDVAIKLFLEQDLTTENMEDFCNEISILSRLRHPNVILFLGACMKPPHLSLVTEYMEMGSLYYLIHASGQKGKLSWRRRLKMLRDICRGLMCMHRLKIVHRDLKSANCLVNKHWAVKLCDFGLSRVMSNSAMNDNSSAGTPEWMAPELIRNEPFTEKCDIFSLGVIMWELCTLSRPWEGIPSVQVVYNVANEGARLEIPDGPLGSLIADCWAEPDKRPGCQEILTRLLDCEYTLC

>OsEDR1-11

MKHLLRKLHLSGGGGSGGGAAAAGAPSGEHHHRPRQHRRSSAQPPPLPPPPVVAAAAAAEAAPVMAPVAAPVAAAAAEPRGMGADATMTRLEEEYQVRLALAISASDHAGLVDADSVQIRAAERISLGGAAGDRGPMEALSARYWNHCVVNYDERLSDGFYDVCGAPMHPHFQAKFPSLTTLRAVPVGGDAAYVAVLVNRERDPALKRLEGRALAIAAQDRAEHGGVASPELVQKIANLVVDAMGGPVDDADEMNREWGVKSRALCLQRNSIVLPLGLLRIGLSRHRSLLFKVLADRVNLPCKLVKGIYYTGTDEGAINLVKIDFDSVEYIVDLMGAPGTLIPSDISGSQFQDSNNSQLSNDAIEESVAELCIALEQISAGCKNTSDMGGSSSEQKSALALASSQLEDIFHTENPLKQSTISDGGEIPHLMKVNDAPMYLVPTEVDPQFAQNLQDLLLEGTALLPTYEKPEICKHTASEDDKTAGWLVIAKTGQNLPNGHVAEDSPLQHGNTKTLAVVNCFHEDAQHDVGNTEAIGRNLDLHDHTAHAIANEDQRFSEDSLVKMPGSSNGNLDKSSCSSTKTISSVIDDVADYEIPWEDLHIGERIGLGSYGEVYHADWNGTEVAVKKFLDQDLSGVALDQFKCEVGIMSRLRHPNVVLFLGYVTQPPNLSILTEYLPRGSLYRLLHRPNSQIDETRRLKMALDVAKGMNYLHASHPTIVHRDLKSPNLLVDKNWVVKVSDFGMSRLKHHTFLSSKSTAGTVISLMLW

>OsEDR1-12

MSRMKHLLRKLHLSGGGGSGGGAAAAGAPSGEHHHRPRQHRRSSAQPPPLPPPPVVAAAAAAEAAPVMAPVAAPVAAAAAEPRGMGADATMTRLEEEYQVRLALAISASDHAGLVDADSVQIRAAERISLGGAAGDRGPMEALSARYWNHCVVNYDERLSDGFYDVCGAPMHPHFQAKFPSLTTLRAVPVGGDAAYVAVLVNRERDPALKRLEGRALAIAAQDRAEHGGVASPELVQKIANLVVDAMGGPVDDADEMNREWGVKSRALCLQRNSIVLPLGLLRIGLSRHRSLLFKVLADRVNLPCKLVKGIYYTGTDEGAINLVKIDFDSVEYIVDLMGAPGTLIPSDISGSQFQDSNNSQLSNDAIEESVAELCIALEQISAGCKNTSDMGGSSSEQKSALALASSQLEDIFHTENPLKQSTISDGGEIPHLMKVNDAPMYLVPTEVDPQFAQNLQDLLLEGTALLPTYEKPEICKHTASEDDKTAGWLVIAKTGQNLPNGHVAEDSPLQHGNTKTLAVVNCFHEDAQHDVGNTEAIGRNLDLHDHTAHAIANEDQRFSEDSLVKMPGSSNGNLDKSSCSSTKTISSVIDDVADYEIPWEDLHIGERIGLGSYGEVYHADWNGTEVAVKKFLDQDLSGVALDQFKCEVGIMSRLRHPNVVLFLGYVTQPPNLSILTEYLPRGSLYRLLHRPNSQIDETRRLKMALDVAKGMNYLHASHPTIVHRDLKSPNLLVDKNWVVKVSDFGMSRLKHHTFLSSKSTAGTVISLMLCRSGWHQRFYVMSHQMRSVTYTVLE

>OsEDR1-13

MDDTPTSSGKSEVNSCEPSWWPPDFLAKIESVSLSRKQSVFSDKEPRSNLRSSSWKASQLLWSTGTYSGFIPNGFYSIIPDKKLKENFPTIPSLDDLQTLEADGLKADIIIVDVERDKKLFMLKQLSGALVKGLNSSPALVIKKIAGLVFDCFKSLDPDVSPARSPTEDNHFFGNKGSQLLGQIKHGSCRPRAILFKVLADAVGLESKLVVGLPDDGGVGFVDSYKHMSVVVSLNSMELLVDLMRFPGQLIPFSAKAIFISHISAAGESDSAENDSCDSPLEPNSPLYGLSDKVEAEGIEASSNLSGRSLRNVMLRSRTFSEGKLSTSCSEPNIANAFWRRSQRRGVAEEPRGASSSPEHPLMKTRARSILGGEQHSFQEYAESGVTSRSDGLGGASTSKTRRIRGRSISITPEIGDDIVRAVRAMNETLKQNRLQRDHVNEGSPSYVGEDQNNASDCPNNDDTSGGVVATNNGPRNRNGSTQKAMSLPSSPHEYRAQISETINPCDFVSKEKMVLAWNKVLQSSPFLNKPLLPFEEWNIDFSELTIGTRVGIGFFGEVFRGIWNGTDVAIKVFLEQDLTTENMEDFCNEIYILSRLRHPNVILFLGACMVPPHLSMVTEYMEMGSLYYLIHMSGQKKKLSWRRRLKIVRDICRGLMCIHRMKIVHRDLKSANCLVNKHWTVKICDFGLSRVMTDSPMTDNSSAGTPEWMAPELIRNEPFTEKCDIFSLGVIMWELCTLSRPWDGISPVQVVYTVANEGSRLEIPEGPLGKLIADCWAEPQDRPSCQEILTRLLDCEYAVS

>OsEDR1-14

MKADAKWPAMVLGGGGGGGRRASPGSAPPPAAPAAVAYSLLATSPPASIGNGGGSPHCDDGDASRGLGVADWLRLQRHSSGSSAGDDGDGFSSVSTLATADKGGDPADRPAGSSGGGGSKSWAQQAEEAYQLQLALALRLCSEASTAPDPNFLDSAVAAADDHHRDAPSPQSLSHRFWVNGSLSYSDKVLDGFYLIHGMDPFVWTLCNDLRDGARVPSIESLKAMNPTESSVEVVLIDRVVDYDLRQLISTAIDVSRSRADSREITTRLAGIVSSKMGGSVASTEEHELCPRWRDSAGFLKISSGSVVLPIGKLSIGLCRHRSLLFKTLADTISLPCRVVRGCRYCKSAGAASCLVHFGNDREYLIDLIGNPGFLSEPDSLLNGLSSISVSSPLRPPKYNSADIVNNFKSLAKQYFLDCQSLNMMFNDPAAVSGTVVDLDEAMGSNIGPNLSPATNSDFQANFSHRSRGAQSSGQDGNFLIQKSSPEDTQSAQSDPFSDISLDIEDLIIPWSELVLKEKIGAGSFGTVHRADWNGSDVAVKILMEQDFHPERLKEFLREVAIMKSLRHPNIVLFMGAVTQPPKLSIVTEYLSRGSLYRILHKHGARENLDEKRRLSMAFDVAKGMNYLHKRNPPIVHRDLKSPNLLVDKKYTVKVCDFGLSRLKANTFLSSKTAAGTVSSYYRYFYLLIFFQLNRASKCFRCNIL