

MESC@TKKNCASRDQAASSVLDSE.VTPPLRS.SAVENRPPTGTAPWTE..RLSVAR..VQVNR..TGKQDNTDPIQPVVAEFQVVRDEQAA
MEPAPSPPTPGGSR.RGLAGLGGSPRTASRKGLELGSVSSVLESEVGRSSLSGGGTFRMFPHHSITBSVNYDVA.TGSSLE.VKVMEL
LHKRVPEGCASGGDKKTSIANIISGRVFTSY.LSPASSMK.VVLEDFNAGDVGKFEAGSLLCVNYDGASSGANKVMMKNSAVVLCNRKT
T...APVDOLLTINDEG.GWACLCKEKLIKIALSPITKLGVCKFLQESSF...PH...ASADLALSYSPPSGE..A..STQVAVMVATRE
RAVVVWEDYISQSRNAPVNLVSSDFEYTSVSDKTFNSNLRPPSLNELHMNSMTASAVPCDQVCVAFACS.SGKLVQFKCSPSGTERTVCESSM
GSTRVWESLAGED..T.YH...EAEVDSG.GD.KVYS.....E...LT.AVQCSSEILSS...SGQLRLIPIESGKLEOHILPOCGG
HPPPEGDSGOLPCKNGYDHSITWCPHHSITKSNRQGLVADHEKCEGVFSSDIIVSMLESOVAVGDDPLGKKDLACQKGIWPLDVQVDYKGI
MSGICRKVSSIFGILS.ESSDLTLSSVLWDRSS.VYSLSSNISKWELDDSSERAA.YSD..INRALRGN.FDAILSESSENV..AIKEGVNIR
TLLFATPK.DR.SSSSYMOYSLLTMOIKRGLDVGTTDKILEKKAPTEVLIIPKARVEADFLFSMRIRIGGKPSGSVIVISGDTATVSHYRNARLY
YDLKQKQDGLVLAHAHSDNPCLIVYSLITIED.NGCOMSDAVTVEVTOYNPPFQSEDL.LL.CO.TVFN.F.SNOAYLYNE....SAVVCSSGTG
QDPLVYDAGKLLSILPSADDFEE.AWVVLTEKASWVAPEKAVILGGVPPFRSISRKGSNSERSACEIRNL.FAGFAPRRASSEAWGTORORA
KESLQEK.IYFNQGDVSLGAGLGGVLIIFSRNSLVSITSRENVSILADLECSLA...SSVAGPNSSEMIFETTKA....ETIAQE...DKIKL
VLSGIARRTADE.ESEALLNGLN...EPLSCQVDSLEKLETSGSFERDCEINVFVMSKSHLIDLAKHWTFRGAEFLAMAVVSTQLEKQKHQK
LKAFLQYCRKDLGHAQMVVDELLSSHSDLDSELDRAVTOISVD..LMDYPSAD.FQWABVPE.EPFGESN..SILHLQLEDK..MKAHSPLMD
LHFLDLSKCHEELCSR.QRHLOLITLHEGKLSAMQURELQNLISONSITCVGSSNSLDFAGALWDMIQLVGDARRNTVLMDRNABVFSK
LHVOVGFGRILGNFPVSGTFMTRLELCEBAEKLSAAIV...KHHHS..RLSDL..VNHALLDAN.....KREYEIIPSNLTPAD...VEERE
VSDLEFFYCDAELEVYIRPEHPSCHQ.IQRTCELSNACVTIIRTCPDK.NENAVYPPFGLTPWYCCAVRKGISVASVLLQLLNEVSGLDKTKAK
VSDVTICEVLEHEQVLRDAPMDSLEWAEVVINVNILKDMQAASHRQRNSLHRE.ESEK...EYVFP...A...EA.....NSGPGGIRT
LNLYHBAWAEVLEAYSGAVTAKERE.EHKGLDEYWKRRDALPELHQOIKEFBATHKDSIGAAEQND..EAIMRITSRVLSIAKOHG.CYKVM
WIEROH.EVILKWAYPOADSNLRNIT..EOLVALICELDGYVSCKSVDK.SSNRERYDNLEMVYLRKRSLLSPLLSLQGYVWAASLAEKYQEDIL
WVYCDVNDSELRNIRRESLGFVGFSEYVVEKLEHNRQFSEILGEEFPEESIFIKEPNVLWHLFLHFQSSSETHALLTQSTOTTADEE
VONCEQTDNQRVQRYVTFQA..LONFDFLRWYLRKGRKLSQIPISQHGQANLQAEHLVWHEINSQELERHATVLCDA...MERYFVKK
EQAYMSKIK..LSDRKNLELYLSKAAPRAGRDAQVVKVRIEADLKIKLQBEVMRRRPPSVEDKQVEDOLHPEDLKLQLEGE.DGBLSL.WTBY
KTLGLSKLAALASDFESMLOEKTEEMAE.....E..EFLHQETLPEQLAERQNLNSAMPVITAPOLIG...LYEENRRRANBYDFKKALD
FAMTSSFRKTHRKLLEDCKWASSODMSKPHSCHMVEGNSDEETLQNLRNVLVQASSRCYGRPSESFEFGDQVLELROENMETSMLQDMS...VE
LEYIDEEEDININDKLEILCRLQRENWSS.E....CKDP..EVSRDSIFVKILQKLLKDGIO....LSEYLEEVKDLQADOLCSEKSNPYF
TLMQHKDFPACKMLMAVMLGSDHGDIGVEEGPSPME LjNUP133
FVWKANYEYVQCEI.....HsNUP133