

logo

TrEFV  
ThEFV  
RhEFV  
LhEFV  
LcEFV  
LbEFV  
LhFV  
LbFV  
PcFV  
PoFV

MNFKLRLKRYASLKKVSLVLDSEEDPKFYDYDDTDNDNTVTSSLHPSQPQPAPLPFKKPKRRSSSEKFEEDDDPCNSLLEFLFLFEEDFEEDENKFEFLDYLEDSEDPKSTASSITSSSS

MASL  
MSPS  
MSVS  
MYAS  
MSVS  
MSVS  
AD  
ET  
FYLE

DVEMRDVGTVNDADNGSD.KNCWKIYCEYNDDDTREN.LL  
NVEIPDLSKLNKNNE.TFWKYFNAN.DNSAEKCCFFFTFDNYE  
NLEVLDYSKLN.SNNE.TLWKYFNEI.DNSKSNSCFEITFNYYE  
SVEMLDWCMLNNNNNE.SFWKYSNVYESDNIIVKKCREYIDYNN  
SVEMLDWSLNNNSNESVCENFWKYSNVFEGNNAVKKCSFEITYNY  
DIEMLDCSMVN.NNNHNFCSFWKYSNICEGNNRIKNCNFCILNN  
N.DDNLQVQKQKDDNDV.LEL.YDQNDGFMDCDN.DDTDTEFQDSEPLQTTSSSSSTSSSS  
ENAAEVDVDDCSNAA.NRPFKMTKSDSIGEGSSSS  
LMEQDDSFYNDEQDDDENVEKKTNDYNDDEGYA.EDMTDINNNTTTTTTTTTTIQK

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EDLTGKQGRPEKPTDQKREKELTPEKQKSSPAFLTISKENLRKLBSEYKATKTEKSNVAKKYNFBKINFEKGLKTYKFSKMLNENASLKTWYGVIKKPVFK

TFNHDTMMHPLDSLITLPLSMEHSWSDIRIRIMITDLQGLYTREYCNYPFMEFYIAYLDLYDETIFKNHGWVKKPTPFK

DDDDDDAMMAHPLNCLITLPLSTIHSWDCGIRILIVDLQGLYTREYCNYPFMEFYIAYMDLYNPSFCKTWGVIKKPVKFK

NQHIDPDDDNDDDDGNIMAHPLNYLITLPLTTVHSWSGIRHILIVDLQMGYITREYCNYPFMEFYIAYMDLHNVSIAKTYGWVKKPVKFK

YGNEDLMPHSLDYLITLPLPAISSWSGIQRLIIDLQMGYITREFCNYPFMEFYINMDLTNASIYKTYGWVKKPVKFK

DDNHSDMMPPQSLDYLIELPLSTIPSWASAIRRILIVDLQMGYITREYCNYPFMEFYINMDLSNAATHRTYGWVKKPVKFK

DDD.DVDMFLHPLDYLITLPLSKIHSWSGIRNLIIDLQMGYITREYCSYPFMEFYLGFMDLNAAANYKAYGWVKKPVKFK

QPQPPPSSPSPPPPHVEEDDGVNANISNLSLNLNYSIDNDWKNLKKIVIVDIQGIYINIRRPRTKLPMEFYFIANIMLHNNQKSAKVQTYSGMVNVPVRF

FDTQQQLQPPVYTQFYKSP.EQPLATP.PAFPIPTKRNALMSLDNLI STPIRNIAKTVIFDAQFNVSQHRTYPRATCQKQLMDPGVYFHTTTVKPIVYFN

ESLIEQQQRREEKNVSSMVATTNSTTTAVTAATAPLQPTLLYLTQKEIIRPCVKEYIDRNITVPVKYIAIDFGQICDGNLHLPLEFCAKSINYTPNYMTEYTRAILAYTVVVPKPFM

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MLSLYDKRRQYFSSLTHGLPWKDYDYSWRE...ERLIATLTK...KYPYDLIVTRGKKRIYITDFVQLNENKIAFKHN...NN...SV...F...LHNFVPHKNDM...  
E...N...K...R...Y...P...A...F...K...K...R...V...T...E...P...R...R...R...E...K...L...K...P...D...P...M...S...L...Y...N...E...S...L...S...P...Q...F...T...N...D...L...Q...L...Q...E...G...Y...G...D...N...G...T...P...P...R...V...L...V...N...E...L...E...E...L...K...K...V...D...P...P...E...F...T...R...Y...S...T...N...F...V...N...K...R...L...K...S...K...Y...H...P...S...Y...  
MLNHHDKRRQYFSSLTHGLPWKDYDYSWRE...ERLIATLTK...KYPYDLIVTRGKKRIYITDFVQLNENKIAFKHFKQKFDH...SV...YCTLHSFVPHKSDV...  
MLSQHDKRRQYFASLTHGLPWKDYEQWQE...ERLIATLTK...KYQCDLIITRGKKRIYITDFVQLNENKIAFKHFN...SV...FCNLHNFVPHKHYDM...  
MLS LHDKRRQYFSSLTHGLPWKDYDYFWKE...ERLIATLTK...KYPYDLIVTRGKKRIYITDFVQLNENKIAFKHIFN...SV...FCSLHNFVPHKNDV...  
MLS L YDKRRQYFSSLTHGLPWKDYDYSWKE...ERLIATLTK...KYPYDLIVTRGKKRIYITDFVQLNENKIAFKHFN...NV...FCSLHNFVPHKNDM...  
MLS L YDKRRQYFSSLTHGLPWKDYDYFWKE...EKLIATLTK...KYPYDLIVTRGKKRIYITDFVQLNENKIAFKHFN...NI...FCSLHNFVPHKNDM...  
MLS Q YDKRRQYFSSLTHGLPWKDYNYFWPE...ERLIATLTK...NLPYDLIVTRGKKRIYITDFVQLNENKIAFKHFN...SV...FCNLHNFVPHKNDM...  
ELSHENIYIQRVIAKNVGLPWKKYISGKTE...AHLKRLINSVIYNKSSLS...PQFTNDLQLEGYGDNGT...CPSTMVIVRGPKYIYLTMCNVNANDIYVYQLPFRS...IR...HCP...LHV...S...PNY...K...PHQS...Y...  
KLITNVDRYK...FRLSLTHGIPYSYSVRDTE...TKLYNVLS...NFKYDLIIVNGEKKQYLVNLSIP...HLVMDL...KIS...R...G...T...S...Y...COENHTFT...P...K...K...C...  
SLSDVDKYQN...AKLFSYHGLYGLDKYASELKLNCCNNLMRL...LQDDVQIVRGKQKTDYLVNINIDPKNIQYICIPIDKYNKYNTCRYHNS...  
ELSLDRRKNAFNLLK...LHGLEWRI...NKYST...TE...NEVVNIIRQLLFDDTTTL...HNNVMLVCRGKKYNYLRNVGISADKILHNLNVPFDKYTAQ...PCYLHKNKKQ...STDL...

[illegible]

- X acidic (-)
- X basic (+)
- X polar uncharged
- X hydrophobic nonpolar