

MSLIVSTPFTH...PS.SARIIEILLSSAQRRHIFLHSLFPRSSSSGGSSSVRNGRTVRCVGLG.NGLFTQICTEVRRVIVE...DAD.RSLERVVVVVVLEAQCQSSLSAVRALNARRRPSFEWVGVLVEELRDESYKTFKQLEDANVFIGSLFVVEELAKVKVAZVQKBRDMDAVLVFSPMPVVRMLNKLKGFMSMSQLGQSKSFFQLPKRRKQ.CAGFADSMILKIVRTLPEK 230

VLYKLPSPDKACDARLYLISLQFWLGGSEPNICNFKMISGSSVPAIKCTKMSFVPIVLLDGGIWHHAFABOYDVEKYLNNWYTRRANEKLSKSNAPFVIGLVQRSHVITGDDGHYVAVIMELEARGAKVIFHAGLDFSGFERYLLIDFVTGKGFVHVAVSVLTGFALVGGPARQDHPRADEIRLKDVPYIVALPLVFGTTEEWISLGLHPICVALQVALPELDGGMEPIVFA 470

RDPTGKSHALHKRVEQLCTRAIRWALKRKSEBKRKAITVFSFPDPKGNVTAAYLNVEFSISVWLKLRKGYNVEGLPEASALIDVVDHDKRACFSSSNLNAVYKMSVREYQKLTETAYALBENWGKPPGNLNDCENLVLYGQYQGNVFIGVQPTFGYEGDPMRLLSKASAPHHGFAAAYSVEKIFRADVLHFHGTGSLFEMPQKQVMSDVCYDPSLIGNIPNYYAAN 710

NPEATIAKRRSYANTISYLTPEAENAGLYKGLQKLAELISSYQSLKIDGRGCQIVSSISTARQCNDKDVLDHDEGELIPAREKRDVLVGVKWSXIMEESRLLPCGLVIGPEPPEAEATLVNIAALREEDGSSIFGLAEVVGNTEDVVRGSDGILKDVLLRCITEASGAIISFVERTNKKGCVVVAKETSIIIGFGINPWCYLSNTEFYRADREKRLVQGH 950

ECIRLVADNDELGLKALGEGYVPEPGGGDFIRNPKVLPFGKNIHALDPCAPITPAAMQSAKVVVDRILBRCKAINGGKYPETVALVWGTNIDKTYGESLQVWMIQVREPVADTFGRVNRVEVSIIEELGRPVDVVVNCVSGVFRDLFINQMNLLDRVAVVABLPEEADONYRKHALQCAAGLIDIVREAAATRVSNAGSYSSKNLAVENSSWDEQLQDMYLSRKSFAFIC 1180

DAPCGMIBRKRKFEMLLSTADTFQNLDSSEISLTDVSHYFSDPTNVCLRDGKRPSAYADITTTANACVRTISETVRLDARTKLLNPKWYEGMLSSGYGVREIEKRLTNVGSATSQGVNDWVVEEANTFFHDEEMIKRMLNINPNSFRKLVCTFLAASGRGYWESBNEIRLRCOLSEVEDPIEGID 1387