

PEALTDPSYRGQILTLTNPIVGNNGVPTDSALDEMGLSRFLES DGIKVSGLLVLDYSNEYSHWRAVKSLGEWLKBEQVPALYCIDTRMLTKIIRDKGTVLGKIEFEGQP...VE 190
 TEALTDPSYRGQILTMVNPVGNNGAPDTAALDEMGLSKFLES DGIKVSGLLVLDYSNEYSHWRAVKTLGQWLQBEKVPALCGIDTRMLTKIIRGKGTVLGKIEFEGQP...VE 191
 PEALTDPAKGGQILTMANPIVGNNGAPDTTALDELGLSKYLESDNGIKVSGLLVLDYSKDYNHWLATAKSLGQWLQBEKVPATYGVDRMLTKIIRDKGTMLGKIEFEGQP...VD 191
 PEALTDPAKGGQILTMANPIVGNNGAPDTAALDEMGLSKYLESDNGIKVAGLLVLNYSXEYNHWLATAKSLGQWLQBEKVPALYGVDRMLTKIIRDKGTMLGKIEFEGQP...VE 189
 PEALTDPAKGGQILTMANPIVGNNGVPTDAAQDEMGLSKYLESDGVKVVAGLLVLNYSSEFNHWLATAKSLGQWLQBEKVPALYGVDRMLTKIIRDKGTMLGKIEFEGQP...VE 191
 TESLTDPSYHGQILTMVNPVGNNGVPTDITALLDEMGLSKFLES DGIKASGLLVLDYSNEYSHWRAVKTLGEWLKBEKVPALYCIDTRMLSKMIRDKGTVLGKIEFEGQP...VE 24
 VEALTDPGYRGQILTLTNPIVGNNGAPDTKALDSYGLMKFIESEHIQVSGLLVLDYTNEHSHWRAVKSLSEWLHBEKVPALCGIDTRMLAKKIRDKGTVLGKIEFEGQP...VE 184
 PEALTDPSYRGQILTLTNPIVGNNGVPTNKEVDQFGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 24
 PEALTDPSYRGQILILTYPMAGNYGVPTNKEVDGLGLMKYIESEFIQVSGLLVQDYSHEYSHWNSVKSLSQWLQBEKIPALYCIDTRMLTKIIRDKGTILGKIEFEGDP...VD 191
 PETLTDPSYRGQILTLTSPMAGNYGVPTKKLDELGLMKYVSEFIQVSGLLVQDYSYEYSHWNSVKSLGEWLHBEKIPALYCIDTRMLTKIIRDKGTILGKIEFEGDP...VE 191
 PENLTDPSYRGQILTLTYPIVGNNGVPTNTEVDDELGLRRYVESDRIQVSGLLVQTYCHEYSHWNSVKSLGQWLQDEQVPALYCIDTRMLTKIIRDQGTVLGKIEFDGQP...VE 190
 PEALTDPSYRGQILTLTYPIVGNNGVPTNTEVDDELGLRKHVESERIQVSGLLVQDYSHEYSHWNSVKSLGQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 191
 PEALTDPSYRGQILTLTYPIVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 180
 PEALTDPSYAAQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 150
 LEALTDPSYKSKQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 0
 LEALTDPSYKSKQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 160
 PEALTDPSYKSKQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 138
 PEALTDPSYKSKQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYNSQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYRAQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYKSKQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 153
 PEALTDPSYKAQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149
 PEALTDPSYKAQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149
 PEALTDPSYQAQILVLTYPVGNNGVPTNTEVDDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149

[X] non conserved
 [X] ≥ 50% conserved