

PEALTDPSYRGQILTLTNPIVGNNGVPTDSALDEMGLSRFLES DGIKVSGLLVLDYSNEYSHWRAVKSLGEWLKBEQVPALYCIDTRMLTKIIRDKGTVLGKIEFEGQP...VE 190
 TEALTDPSYRGQILTMVNPVGNNGAPDTAALDEMGLSKFLES DGIKVSGLLVLDYSNEYSHWRAVKTLGQWLQBEKVPALCGIDTRMLTKIIRGKGTVLGKIEFEGQP...VE 191
 PEALTDPAKGGQILTMANPII GNGGAPDTTALDELGLSKYLESDNGIKVSGLLVLDYSKDYNHWLATAKSLGQWLQBEKVPATYGVDRMLTKIIRDKGTMLGKIEFEGQP...VD 191
 PEALTDPAKGGQILTMANPIVGNNGAPDTAALDEMGLSKYLESDNGIKVAGLLVLNYSXEYNHWLATAKSLGQWLQBEKVPALYGVDRMLTKIIRDKGTMLGKIEFEGQP...VE 189
 PEALTDPAKGGQILTMANPIVGNNGVPTDAAQDEMGLSKYLESDGVKVVAGLLVLNYSSEFNHWLATAKSLGQWLQBEKVPALYGVDRMLTKIIRDKGTMLGKIEFEGQP...VE 191
 TESLTDPSYHGQILTMVNPVGNNGVPTD TALDEMGLSKFLES DGIKASGLLVLDYSNEYSHWRAVKTLGEWLKBEKVPALYCIDTRMLSKMIRDKGTVLGKIEFEGQP...VE 191
 VEALTDPGYRGQILTLTNPII GNGGAPDTKALDSYGLMKFIESEHIQVSGLLVLDYTNEHSHWRAVKSLSEWLHBEKVPALCGIDTRMLAKKIRDKGTVLGKIEFEGQP...VE 184
 PEALTDPSYRGQILTLTNPIVGNNGVPTNTKEVDQFGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 197
 PEALTDPSYRGQILILTYPMAGNYGVPTNTKELDGLGLMKYIESEFIQVSGLLVQDYSHEYSHWNSVKSLSQWLQBEKIPALYCIDTRMLTKIVRDKGTILGKIEFEGDP...VD 191
 PETLTDPSYRGQILTLTSPMAGNYGVPTTKKLDDELGLMKYVSEFIQVSGLLVQDYSYEYSHWNSVKSLGEWLHBEKIPALYCIDTRMLTKIVRDKGTILGKIEFEGDP...VE 191
 PENLTDPSYRGQILTLTYPIVGNNGVPTNTKEVDDELGLRRYVESDRIQVSGLLVQTYCHEYSHWNSVKSLGQWLQDEQVPALYCIDTRMLTKIIRDQGTVLGKIEFDGQP...VE 190
 PEALTDPSYRGQILTLTYPIVGNNGVPTNTQELDELGLRKHVESERIQVSGLLVQDYSHEYSHWNSVKSLGQWLQBEKVPALFCIDTRMLTKVIRDKGTVLGKIEFDGQP...VE 191
 PEALTDPSYRGQILTLTYPIVGNNGVPTNTQELDELGLKKNVESDRIQVSGLLVQDYSAEYSHWNSVKSLAQWLQBEKVPALFCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 180
 PEALTDPSYAAQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 150
 LEALTDPSYKSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 0
 PEALTDPSYKSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 160
 PEALTDPSYKSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 138
 PEALTDPSYKSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYNSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYRAQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 117
 PEALTDPSYKSQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 153
 PEALTDPSYKAQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149
 PEALTDPSYKAQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149
 PEALTDPSYQAQILVLTYPVGNNGVPTNTKEVDDELGLRKYIESERIQVSGLLVQDYSQEYSHWNSVKSLGEWLQBEKIPALYCIDTRMLTKIIRDKGTVLGKIEFDGQP...VE 149

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