```
..........                                                                                                    0
..........                                                                                                    0
MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKLR.....................QVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE   99
MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKLR.....................QVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE   99
MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKDETQSIYLRVIPKEDQELEFQLRQVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE  120
MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKDETQSIYLRVIPKEDQELEFQLRQVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE  120
MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKDETQSIYLRVIPKEDQELEFQLRQVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE  120
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..........                                                                                                    0
..........                                                                                                    0
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN  219
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN  219
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN  240
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN  240
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN  240
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.......MESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK  113
.......MESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK  113
CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK  339
CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK  339
CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK  360
CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKG...LVVFRSLELKSIDIH....................  334
*******!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!******!***!!********

ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  153
ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  153
ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  379
ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  379
ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  400
ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR  400
.......LSEVVFYNINI.......................  345
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X non conserved

X ≥ 50% conserved