MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKDETQSIYLRVIPKEDQELEFQLRQVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE MQYTYQHIQDLVPGPTPQNFYGKIIFIKKKINQIVVLIKDETQSIYLRVIPKEDQELEFQLRQVVRVHRCKIQSILNSKEGIAQIGLFGCHLIAWSQSGKVDNPVIISSRSWTKSDEDSE	120 120 0 99
RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN RLQTLRKLGKSRRKSGRKTSVDTMANKLIERREAMFADTFIKSLFNKIALSRKEHLSRNARELFYHRPGDIVETQNLLEIDDSWFNDENSEQFVQYVLNCTTCHVEYNHVEYAQNNIPTN ************************************	240 240 0 219
CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGISSLLLIIMLNINSISLVNNITENKRILLQKSNVPSSLQLK CRFCQEAMESFHAAFRIRISIETYGVFLTIPLELIKTELDICEDWDSESNIVEEEEKVTRFKKNIQEKVRDASIVHIKGLVVFRSLELKSIDIH	360 334 113 339

ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR 400 345 153 ILITPFVIVVVRFFGITWIYSGSSCIEEVLNLIDNCSRRR 379

 $\overline{X}$  non conserved  $\overline{X}$   $\geq 50\%$  conserved