

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

MKDKTFQGAFELLSTPKEYLWCGVFLSLLFAINLYVEYLNQKLDFSKPTSLDAQILLQYPKTNNQKSYFVLKLQSKGMIFYTTI

MKDKTFQGAFELLTPKEYLVCGVFLSLLLAINLYLEYLNQKLDFSKPTSLDAQILLQYPKTKDQKTYFVLKLQSKNMIFYTTI

!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!

8585

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

KEPLKNLQYRHAHFFGKIKPCSFLESLSRSCFFQTFYFSLSLTKQDFKSYLRLHIDSAAENALVSNLYRALFIGDSLNDLDRANA

KEPLKNLQYRHAHFFGKIKPCSFLESLSRSCFFQTFYFSLSLTKQDFKSYLRLHIDSAAENALVSNLYRALFIGDSLNDLDRANA

!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!

170170

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

LGINHLLAISGFHLGILSTSVYFLFSLFYTPLQKRYFPYRNAFYDIGVLVWVFLGYLEALLDFLPSFFRAFLMGLLGFLACFFGY

LGINHLLAISGFHLGILSVSVYFLSLSFYTPLQKRYFPYRNAFYDIGVLVWVFLGYLEALLDFLPSFFRAFLMGLLGFLACFFGV

!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!

255255

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

RLLSFKLLILACCIAIAATPKLLFSVGFLLSVCGVWYIFLFLKHARVFLKNSSLWMRFFQVVISLSALVFLNMLIIVHAFFPMFSP

RLLSFKLLILACCIAIAATPKLLFSVGFLLSVCGVWYIFLFLKHARVFLKNSSLWMRFFQVVISLSALVFLNMLIIVHAFFPMFSP

!*!!!!!!!!!!!!!!**!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!

340340

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

YQLFSIPLGLYFIVFFPLSLFLHAVGLGSLDRLMSPLTPTISYFSPWLGLVHLCILTILSARFFKVYLSMHVLSAGFFLYCC

YQLFSIPLGLYFIVFFPLSLFLHAVGLGSLDRLMSPLTPTISYFSPWLGLVHLCILTILSARFFKVYLSMHVLSAGFFLYCC

!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!**!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!

425425

logo

NTDB id 46822 HPSA RS07460 WP 000653593.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

YQYIIMPSSIVG

YQYIIMPSSIVG

YQYIIMPSSIVG

!!!!!!*!!!!

437437

- ⓧ

non conserved

ⓧ

similar

ⓧ

≥ 50% conserved