

Sequence logo for the 100 amino acid region of the protein. The logo shows the conservation of residues across 1000 sequences. The x-axis represents the amino acid position (1 to 100). The y-axis represents the information content in bits. The logo is color-coded by amino acid type: A (green), C (blue), D (red), E (orange), F (yellow), G (light green), H (dark green), I (brown), K (pink), L (light blue), M (dark blue), N (purple), P (grey), Q (light orange), R (dark red), S (light green), T (light blue), V (dark green), W (dark blue), Y (yellow). The logo shows high conservation in the first 20 residues, particularly in the first 10, and lower conservation in the last 20 residues.

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logo

NTDB id 21550 SPR RS04420 WP 000244122.1

NTDB id 480 HSISS4 RS02090 WP 002890133.1

consensus

K

L

V

L

L

K

G

G

H

A

S

!

*

*

A

S

600

601

- X

X

X

non conserved

similar

≥ 50% conserved