

logo

NTDB id 61716 NGFG RS08570 WP 003689466.1

NTDB id 1098 NMB RS01465 WP 002224844.1

NTDB id 1099 NMB RS01545 WP 002215704.1

consensus

Logo visualization for the first sequence alignment. The logo shows the conservation of amino acids across the three sequences. The x-axis represents the position in the sequence, and the y-axis represents the information content. The logo is color-coded: blue for non-conserved, red for similar, and green for ≥ 50% conserved. The consensus sequence is shown at the bottom.

62

84

85

logo

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consensus

Logo visualization for the second sequence alignment. The logo shows the conservation of amino acids across the three sequences. The x-axis represents the position in the sequence, and the y-axis represents the information content. The logo is color-coded: blue for non-conserved, red for similar, and green for ≥ 50% conserved. The consensus sequence is shown at the bottom.

145

169

168

logo

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NTDB id 1099 NMB RS01545 WP 002215704.1

consensus

Logo visualization for the third sequence alignment. The logo shows the conservation of amino acids across the three sequences. The x-axis represents the position in the sequence, and the y-axis represents the information content. The logo is color-coded: blue for non-conserved, red for similar, and green for ≥ 50% conserved. The consensus sequence is shown at the bottom.

214

232

231

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved