

logo

NTDB id 169987 AXE83 RS02925 WP 060955361.1

NTDB id 475 HSISS4 RS07005 WP 021143809.1

NTDB id 324 STU RS16140 WP 011226306.1

NTDB id 292 STER RS06940 WP 011681419.1

consensus



Sequence logo for position 1. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are M, K, S, K, W, L, A, L, A, G, V, A, L, L, G, V, L, A, A, C, S, S, K, S, S, T, S, G, T, Y, G, W, Y, S, S, D, P, E, T, L, D, Y, I, T, S, N, T, G, P, T, K, S, Y, V, T, N, G, V, D, G, L, M, E, A, D, K, Y, G, N, L, V, P, S.

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consensus



Sequence logo for position 2. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are V, A, E, D, W, S, V, S, K, D, G, L, T, Y, T, Y, T, I, R, K, D, A, K, W, Y, T, S, E, G, E, E, Y, A, V, T, A, K, D, F, V, T, G, L, K, H, A, A, D, K, A, G, A, L, Y, L, V, Q, D, S, I, A, G, L, S, D, Y, L, S, G, T, N, K, D, F, S, N, V, G.

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Sequence logo for position 3. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are V, K, A, I, D, P, Y, T, L, Q, Y, T, L, K, Q, P, E, P, Y, W, N, S, K, T, T, Y, S, L, F, P, W, N, E, D, F, L, K, N, K, G, K, D, F, G, K, S, T, D, P, T, S, I, L, Y, N, G, P, F, L, L, K, S, L, T, A, K, S, S, I, E, L, V, K, N, E, Y, W, D.

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Sequence logo for position 4. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are K, K, N, V, H, F, D, A, I, K, L, S, Y, Y, D, G, S, D, Q, D, A, L, V, R, G, F, T, D, G, A, Y, S, L, A, R, V, P, T, S, S, N, Y, S, S, V, E, K, K, Y, K, D, N, I, Y, T, A, P, G, A, S, T, S, A, I, G, N, I, D, R, Q, S, Y, K, Y, T, A, K.

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Sequence logo for position 5. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are K, T, D, S, E, K, T, S, T, K, K, A, L, L, N, K, D, F, R, Q, A, I, A, F, C, F, D, R, T, A, Y, A, S, Q, V, N, G, E, S, G, A, S, K, L, R, N, L, F, V, P, P, T, F, V, Q, A, D, G, K, N, F, G, E, L, V, K, E, K, L, V, T, Y, G, D, E, W, K, D, V.

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consensus



Sequence logo for position 6. The logo shows the relative frequency of amino acids at this position across four sequences. The most prominent amino acids are N, L, D, S, Q, D, G, L, Y, N, A, E, K, A, K, T, E, F, A, K, A, K, A, L, Q, A, D, G, V, Q, F, P, I, H, L, D, L, P, V, D, Q, S, S, K, L, N, V, A, Q, V, Q, S, L, K, Q, T, I, E, K, S, L, G, S, E, N, W, I, D, I, N, Q, L, S, S, D, D, L.

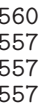
480

478

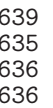
478

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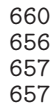
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-  non conserved
-  similar
-  $\geq 50\%$ conserved