

logo

NTDB id 1080078 ACKWPP RS09135 WP 409374402.1  
NTDB id 463 GPW51 RS08685 WP 012775331.1  
consensus

MKKTTKLFALAGVTLLSASVLAACGSKQSGAAKQELSFPAEVKQDGTAVADAQLKYAWVSPTTSSGLLIDELTENTTDST  
MKKTTKLFALAGVTLLSASVLAACGSKQSGAAKQELSFPAEVKQDGTAVADAQLKYAWVSPTTSSGLLIDELTENTTDST  
\*\*\*\*\*

0  
80

logo

NTDB id 1080078 ACKWPP RS09135 WP 409374402.1  
NTDB id 463 GPW51 RS08685 WP 012775331.1  
consensus

FGGMVDISMFGYDGERKLLDSSGLAKAEFDVKGKKITVSLTGKDYKWSGDGESFTINDYIFTIKSMASKDYTGIRFDDKFLN  
FGGMVDISMFGYDGERKLLDSSGLAKAEFDVKGKKITVSLTGKDYKWSGDGESFTINDYIFTIKSMASKDYTGIRFDDKFLN  
\*\*\*\*\*

0  
160

logo

NTDB id 1080078 ACKWPP RS09135 WP 409374402.1  
NTDB id 463 GPW51 RS08685 WP 012775331.1  
consensus

IEGMQEFVDGKASDISGIKKVDDYTVELTVKEMSPSMYAGGDVPAYIQPEHIYKDI PVADWEKSEYSRTAKLVGMGPWK  
IEGMQEFVDGKASDISGIKKVDDYTVELTVKEMSPSMYAGGDVPAYIQPEHIYKDI PVADWEKSEYSRTAKLVGMGPWK  
\*\*\*\*\*

0  
240

logo

NTDB id 1080078 ACKWPP RS09135 WP 409374402.1  
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consensus

IKEIVNGESITYVPNEYFFKGTPKTSSLKIDIVSPDITVSEMKAGNYDIAEMPVDQLDSYKDASNLNIVGQLDGTIEYI  
IKEIVNGESITYVPNEYFFKGTPKTSSLKIDIVSPDITVSEMKAGNYDIAEMPVDQLDSYKDASNLNIVGQLDGTIEYI  
\*\*\*\*\* ! ! !

8  
320

logo

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consensus

SFNLGKYDDASGKNVTNPNVKMNNVKLRQAMGYALDNATAEKLYNGLYHPAKSLIISFFGDVHDELAGEYSYNPEKAKK  
SFNLGKYDDASGKNVTNPNVKMNNVKLRQAMGYALDNATAEKLYNGLYHPAKSLIISFFGDVHDELAGEYSYNPEKAKK  
\*\*\*\*\*

88  
400

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LLDEAGYKDVVDGDMREDAFGKSLTISVAAQKSTETQETMVQQYLTTWKEIGLNVELYTGRTIEYNTFYESTIAANDEGID  
LLDEAGYKDVVDGDMREDAFGKSLTISVAAQKSTETQETMVQQYLTTWKEIGLNVELYTGRTIEYNTFYESTIAANDEGID  
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168  
480

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consensus

VYLAAWIAGLDPDPTISLWGPEAMYNYTRFVSDNTALLNKITSAESFDEQKNIEYKAWQKYAHEQAFAIPTFERESITA  
VYLAAWIAGLDPDPTISLWGPEAMYNYTRFVSDNTALLNKITSAESFDEQKNIEYKAWQKYAHEQAFAIPTFERESITA  
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248  
560

logo

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consensus



282

596

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