



logo

NTDB id 132316 OB04 RS05850 WP 038428757.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

PQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA
 PQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA
 PQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA

680
680

logo

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consensus

GDR^SDELYQKLN^TFYGH^LLQK^WRAFSKNH^SVS^ELI^WEVYRDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFI
 GDR^NDELYQKLN^TFYGH^LLQK^WRAFSKNH^SVS^ELI^WEVYRDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFI
 GDR^SDELYQKLN^TFYGH^LLQK^WRAFSKNH^SVS^ELI^WEVYRDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFI

765
765

logo

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consensus



850
850

logo

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consensus

MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDL_EDLAG
 MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDL_EDLAG
 MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDL_GDLAG

935
935

logo

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consensus

VPAHADISGHPARFAVQMIHSYDLLDDDL EERMEEKSERLEAIRRGEPVPGSF AFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK
 VPAHADISDHPARFAVQMIHSYDLLDDDL EERMEEKSERLEAIRRGEPVPGSF AFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK
 VPAHADISGHPARFAVQMIHSYDLLDDDL EERMEEKSERLEAIRRGEPVPGSF AFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK

1020
1020

logo

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RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAHMTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI
 RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAHMTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI
 RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAHMTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI

1105
1105

logo

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EEIVQFFHTEIGGQLGAKWKDREIPFSLALPAKEIYPDA^QEADEPLLVQGIIDCLYETEDGLYLDDYKSDRIEGKFQHGFE^HGAA
 EEIVQFFHTEIGGQLGAKWKDREIPFSLALPAKEIYPDA^HEADEPLLVQGIIDCLYETEDGLYLDDYKSDRIEGKFQHGFE^{*}GAA

1190
1190

logo

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consensus



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