

NTDB id 87269 K6J86 RS05695 WP 014479389.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

85
85

NTDB id 87269 K6J86 RS05695 WP 014479389.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



170
170

NTDB id 87269 K6J86 RS05695 WP 014479389.1
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consensus



255
255

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consensus



340
340

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consensus



425
425

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consensus



510
510

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consensus



595
595

logo

NTDB id 87269 K6J86 RS05695 WP 014479389.1
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consensus

PQIMEELRA^gIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA
 PQIMEELRA^HGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA
 PQIMEELRA^QGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA
 *

680
680

logo

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GDR^SDELYQKLN^TFYGH^LQKWR^AFSKN^HSVSEL^IWEVYRDTKYMDYVGGMPGGKQ^RQANLRVLYDRARQYESTAFRGLFRFLRFI
 GDR^NDELYQKLN^TFYGH^LQKWR^AFSKN^HSVSEL^IWEVYRDTKYMDYVGGMPGGKQ^RQANLRVLYDRARQYESTAFRGLFRFLRFI
 GDR^SDELYQKLN^TFYGH^LQKWR^AFSKN^HSVSEL^IWEVYRDTKYMDYVGGMPGGKQ^RQANLRVLYDRARQYESTAFRGLFRFLRFI

765
765

logo

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850
850

logo

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consensus

MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDLGDLG
 MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDLGDLG
 MKKKMRRELLSEELRVLYVALTRAKEKFLIGSCKDHQQLAKWQASASQTDWLLPEFDTRYQARTYLDFIGPALARHRDLGDLG

935
935

logo

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VPAHADISGHPARFAVQMIHSYDLLDDDDLEERMEEKSERLEAIRRGEVPVGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK
 VPAHADISGHPARFAVQMIHSYDLLDDDDLEERMEEKSERLEAIRRGEVPVGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK
 VPAHADISGHPARFAVQMIHSYDLLDDDDLEERMEEKSERLEAIRRGEVPVGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIK

1020
1020

logo

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RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI
 RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI
 RKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDI

1105
1105

logo

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[illegible]

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1190

logo

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consensus



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