

logo

		MSXLEIGDRRLGAALLDQGYLDNQLRALERHSEVGGRLAELVLYDSGGYSEERRIASEIEMFGIPLVNLHVEVTPSKK	
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NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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		SEYRQAKELRAFPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLLEMYPSGA	
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NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1384	A4U84 RS08525 WP 010787006.1		0
NTDB id 1355	HI 0298 AAC21962.1		0
NTDB id 1366	NTHI RS01950 WP 011271972.1		0
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	
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NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1384	A4U84 RS08525 WP 010787006.1		0
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NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
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consensus			

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NTDB id 1410	SGL RS13950 WP 010873519.1	MTS	3
NTDB id 1306	DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTL	317
NTDB id 1028	TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
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NTDB id 1366	NTHI RS01950 WP 011271972.1		0
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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NTDB id 1410	SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKL	83
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NTDB id 1384	A4U84 RS08525 WP 010787006.1	MSQY..TI....CEQQ.....TERIF	15
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NTDB id 1366	NTHI RS01950 WP 011271972.1	MTSY..ALLHTQRVTAQ.....NGEIF	20
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVAI	57
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLSTI	57
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTV	57
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLRIL	56
NTDB id 1251	GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQL	65
NTDB id 1018	ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRL	65
NTDB id 1058	ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRR	65
consensus			

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NTDB id 1410	SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFL	161
NTDB id 1306	DR RS10060 WP 027479822.1	GYEFLDPIQNPPDP.....KVALM	455
NTDB id 1028	TT RS08215 WP 011173991.1	GYPYVDPEEDPPDP.....GAPLL	460
NTDB id 1384	A4U84 RS08525 WP 010787006.1	D.....ISPSR.....WQKNCEEKQ	74
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NTDB id 1366	NTHI RS01950 WP 011271972.1	T.....ISPD.....WERNQQQ	79
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GLPETDLSRYDIAN.....LCQQ	124
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NTDB id 1401	DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYAS.....LCQT	124
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NTDB id 1251	GC085 RS07725 WP 011946523.1	GVPMLDLINCIDVGT.....IPVN	132
NTDB id 1018	ACIAD RS01685 WP 004920473.1	GEPLLDLGVDFPAL.....FLKD	132
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEPYFLDLVDYDTSQ.....IPKD	132
consensus			

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

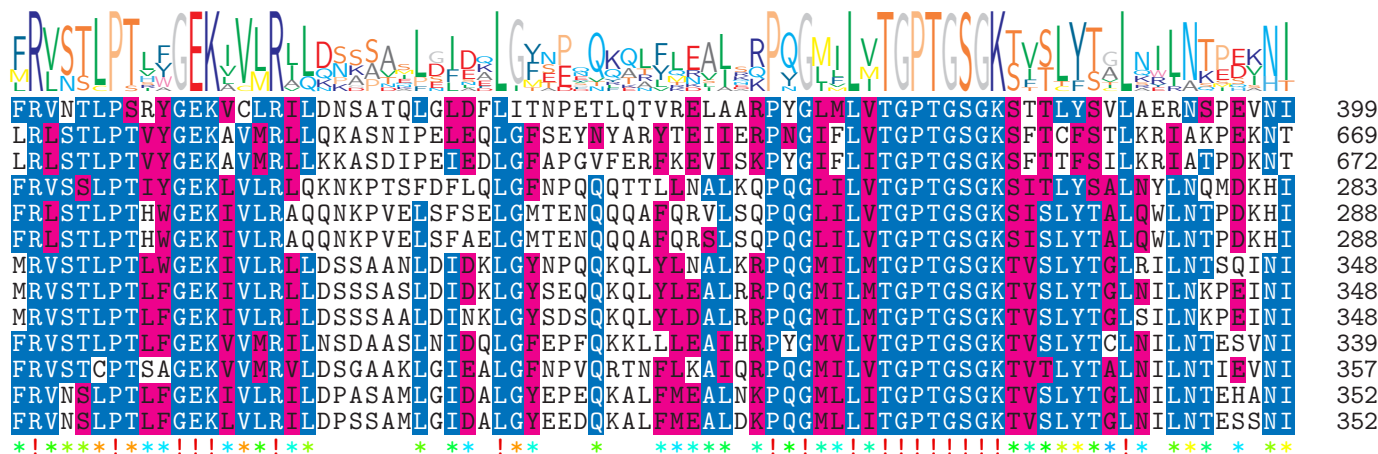
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1384 A4U84 RS08525 WP 010787006.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1028	TT	RS08215	WP	011173991.1
NTDB	id	1384	A4U84	RS08525	WP	010787006.1
NTDB	id	1355	HI	O298	AAC21962.1	
NTDB	id	1366	NTHI	RS01950	WP	011271972.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



479
749
752
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logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
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NTDB	id	1384	A4U84	RS08525	WP	010787006.1
NTDB	id	1355	HI	O298	AAC21962.1	
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NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



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813
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498

logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
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NTDB	id	1355	HI	O298	AAC21962.1	
NTDB	id	1366	NTHI	RS01950	WP	011271972.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
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NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



637
887
889
461
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464
562
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561
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574
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570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCTRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1384 A4U84 RS08525 WP 010787006.1		461
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved