

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 406912 GPW70 RS07410 WP 001888471.1	.....	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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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NTDB id 406912 GPW70 RS07410 WP 001888471.1		0
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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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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NTDB id 406912 GPW70 RS07410 WP 001888471.1		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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	LRSDALRYGAVPIIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPPELLRQYKKNQLFELKVLVYGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGETILVELGLIARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALAAQ.....VATQLGY	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSY..ALLHTQRVTAQ.....NGEIFT..	21
NTDB id 406912 GPW70 RS07410 WP 001888471.1	MLTNLVVILRQAEELISATQEQAVVSQVSASGTSVPEALLGL..CIFHPQELTEQ.....LSHIFGLP	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAEELISATQEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSLILRQKGLLTFQSQEESLIEQVKASGISMPEALLSS..GFFTSSSELAEH.....LSSIFGLS	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFQSQEESLIEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHY..NESQAGKEVLPMLFSD..GVISPKSLAAL.....IARVFSYS	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFGVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDVTAYLIEE..VHLSPSLLAET.....ISAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVPLIDN..FSISPLTTAEI.....ISLEFGEP	68
consensus	* * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP.....GAPLLLPEDLCRRYGVPFHRLEG...NRLVLLMKDPRNIALALDDVRLALKRKLNYEVAPAVAT	463
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDL.....WERNQQQQSLILRYFALPLKEEN...NRLWLGVDSLNLNSACETIAFITG.....KPVEPILLE	82
NTDB id 406912 GPW70 RS07410 WP 001888471.1	ETDLSRYDYAP.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEEFRFATG.....LQVELALAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEEFRFATG.....LQVELALAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQYEYAS.....LCQQGLGLRELITRHNAALPLHRT...STLLAVADPTNQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYEYAS.....LCQTLGLRLDITRHNAALPLNRTS...STLILAVADPTNLQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDLRHYPRHR.....VLMGVLTVEEQMVEFHCVVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELVIVE	126
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLDINCI DVGT.....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....IPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVFDPAL.....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNSK.....LKVEPIIVE	135
consensus	* * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
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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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

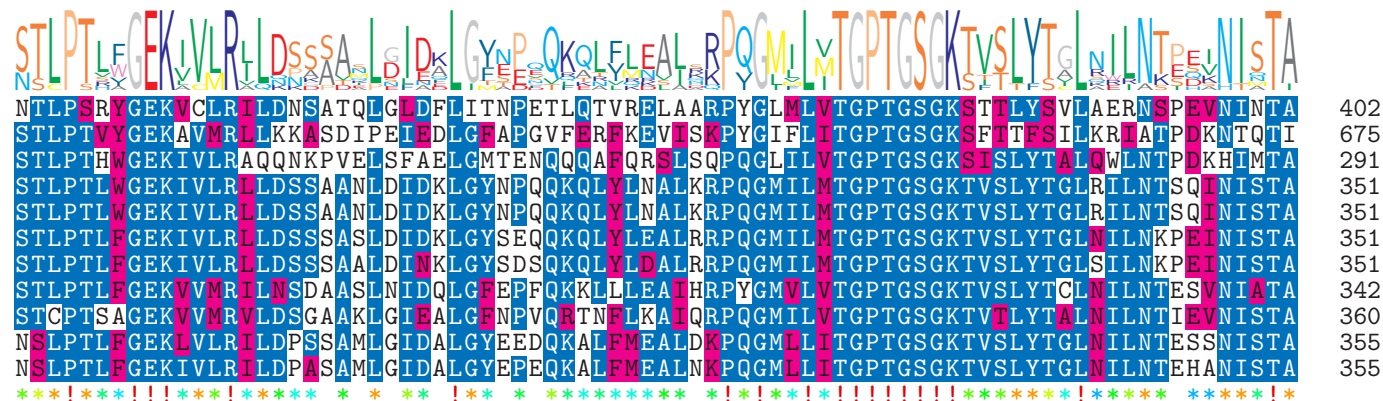
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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logo

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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1

consensus



482
755
371
431
431
431
431
422
440
435
435

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 406912 GPW70 RS07410 WP 001888471.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1

consensus



561
819
410
493
493
492
492
488
505
501
501

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 406912 GPW70 RS07410 WP 001888471.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1

consensus



641
889
464
562
562
561
561
558
574
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 406912 GPW70 RS07410 WP 001888471.1	.....	562
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 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved