

NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
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 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1097477 ACM000 RS17155 WP 416040747.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1097477 ACM000 RS17155 WP 416040747.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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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 1097477 ACM000 RS17155 WP 416040747.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1097477 ACM000 RS17155 WP 416040747.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus
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[illegible]

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1097477 ACM000 RS17155 WP 416040747.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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[illegible]

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1097477 ACM000 RS17155 WP 416040747.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus
```

Sequence	Position
SVDPEVAPIATQMAELIGRFFPLDTCRRFKFLPTLAQQEGDPPSVLVAVDPDNLAAQDENRILRVKGF...ERRRLVVT	164
YVDPEEDPPDP...GAPLLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPDRNIIATDDVRLALKRKGLNIEVAPAVAT	463
ETDLSRYDYAN...LCQQGLGLRELITRYDALPTAKQ...GNLLLVASDPTLLQAEERFRFATG...LQVELALAD	127
QPELSQYFYAS...LCQQGLGLRELITRHNALPLHRT...PSTLLAVADPTNQQAEDDFRFATG...LQVELVLAD	127
CTSLNQYFYAS...LCQTLGLRLITRHNALPLNRT...SSTLLAVADPTNLQAEDDFRFATG...LQVELVLAD	127
ILDLRHYPRHR...VLMGVLTEEQMVEFHCVFVFR...GDKVFFAVSDPTQMPQIQKTIVSAAG...IAVELVIVE	126
MLDINCI DVGT...IPVNLVNEKLIK RHAMVPLFSR...GTNLVATD DPSKQASIKETIQFHTG...LNTHAIVIVE	135
LLDLGV FDPAL...FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATSNPTNTEAMDATRFNSK...LKVEPIIVE	135
YFDLDVYDTSQ...IPKDLVDQKLIKHRILPLIQR...GQILYVATSNPSNTEADATRFNSK...LMVELVIVE	135
YFDLDVYDTSQ...IPKDLVDQKLIKHRILPLIQR...GQILYVATSNPSNTEADATRFNSK...LLVEPVIVE	135

logo

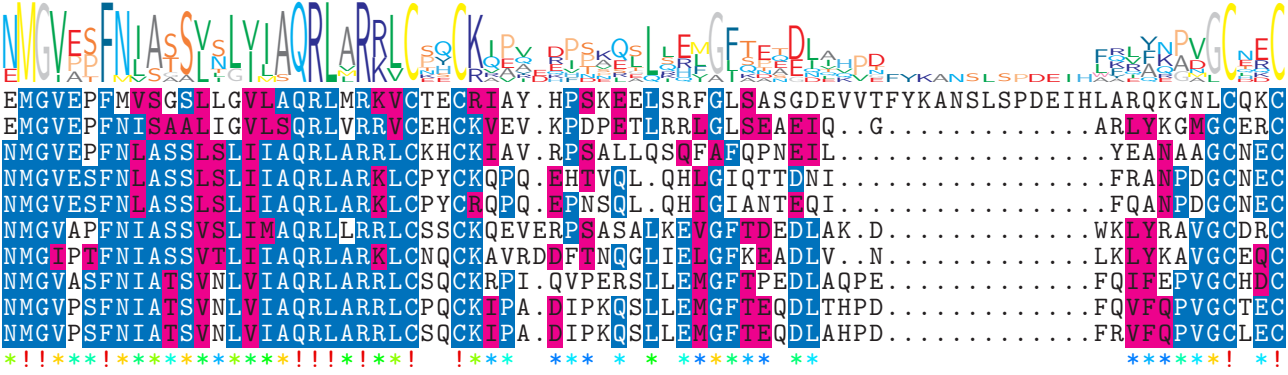
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NTDB	id	1028	TT	RS08215	WP	011173991.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1097477	ACM000	RS17155	WP	416040747.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



482
755
431
431
431
422
440
435
435
435

logo

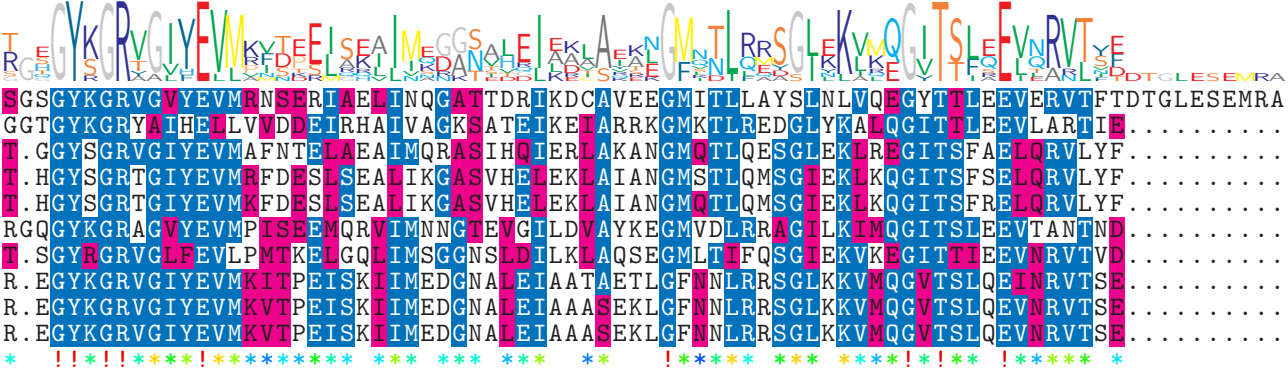
NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1028	TT	RS08215	WP	011173991.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1097477	ACM000	RS17155	WP	416040747.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



561
819
493
492
492
488
505
501
501
501

logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1028	TT	RS08215	WP	011173991.1
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	1097477	ACM000	RS17155	WP	416040747.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



641
889
562
561
561
558
574
570
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
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 1097477 ACM000 RS17155 WP 416040747.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved