

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	MSVLTITGDKRLGAAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	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 1000477	ABFU79 RS05145 WP 040940802.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD	160
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 1000477	ABFU79 RS05145 WP 040940802.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	EGQKDLKLGE LLLQKGWISREALEEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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 1000477	ABFU79 RS05145 WP 040940802.1	.....	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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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KEALEVQKGLPRAKPLGEILVELGLARPEDVEEAALQKQRSGGRLDTLVQ..SGKLRPEALAQA.....VATQLGYPP391
.....MLTNLVAIIRQAELISLTAEQAVTVQSASGVPEALLE..LSIFHAQEITTEQ.....LSHTFGFLP60
.....MHSNLSSTILRQKGLLTFSSQEESSLIEQVKASGISMPALLS..SGFFTSSLELAEH.....LSSIFGLS60
.....MLTNLSSTILRQKIVLQNLTFSSQEESSLIEQVKASGISMPALLS..SGFFQSHELTEH.....LSSVFGLS60
.....MSVGILLRLIQAGNQVVTVQAEHYHNESQ.AGKEVLPMPLFS.DGVISPKS.LAAL.....LARVFSYS59
...MALATEEYRLQGIGQLVLLEKLIDKTKIAELHKLAAAEKISILQYIVK..NKILSAEQIALT.....AAQNFGVP68
.MNAVISANLVGITGIARRLVQDGADETAARTAMEQAASARVPLPQWFAE..RKLVTASQLAAA.....NAVFEGLP70
.MSAL..HTSPKFTGFFRRRVEEKHVSAATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAET.....ISAEFAEP68
.MSAF..TTPPKFSGFIRRVLVEEGYVNAQNMQQALEKAKKFKQDIVPYLID..NFSISPLTLIAEI.....ISLEFGEP68

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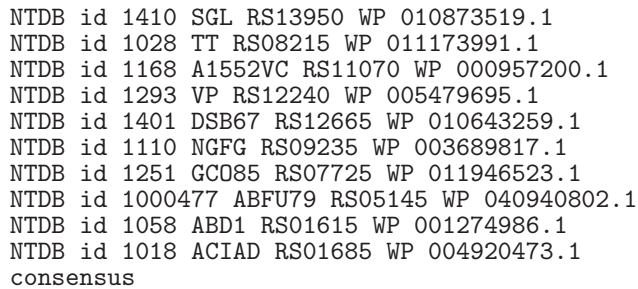
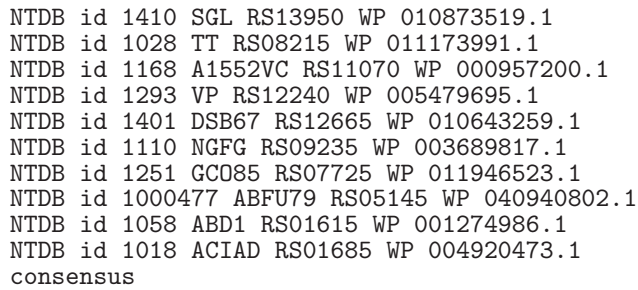
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
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consensus

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Sequence	Position 12
SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPSSVLVAVMPDNLAAQEDLNRILRVKG..FELRRLLVVT	164
YVDPEEDPPD.....GAPLLPEDLCRRYGVPFHRLE...GNRLLVLMKDPNRILALDDVRLALKRKLNGYEVAPAVAT	463
ETDLSRDYDAN.....LCQQGLGRELITRYDALPIAKQ...GNLLLLAVSDPTLLQAEFEFRFATG.....LQVELALAD	127
QPELSQYEYAS.....LCQQGLGRELITRHNALPLHRT...PSTLLLAVADPTNQQAEDDFRFATG.....LQVELVLAD	127
CTSLNQYEYAS.....LCQTGLGLRLITRHNALPLNRT...SSTLLAVADPTNLQAEEDFRFATG.....LQVELVLAD	127
ILDRLHYPRHR.....VLMGVLTEEQMVFEHCVVFRFR...GDKVFFAVSDPTQMPQIQKTVSAAAG.....LAVELVIVE	126
MLDINCIDVCT.....IPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
IMDVSVFDASQ.....NAVKLVSEELIQKYQVPLPKR...GNRLFVGVSNPTQTRALDDIKFHTN.....LVVEPIILD	137
YFDLDVYDTSQ.....LPKDLVDQKLIKLRHILPLIQR...GQILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVE	135
LLDLGVFDPAL.....FLDKDILEKLIQKYRIMPLVHR...GHVLYVATSNPTNIEAMDIAIRFNSK.....LKVEPIIVE	135

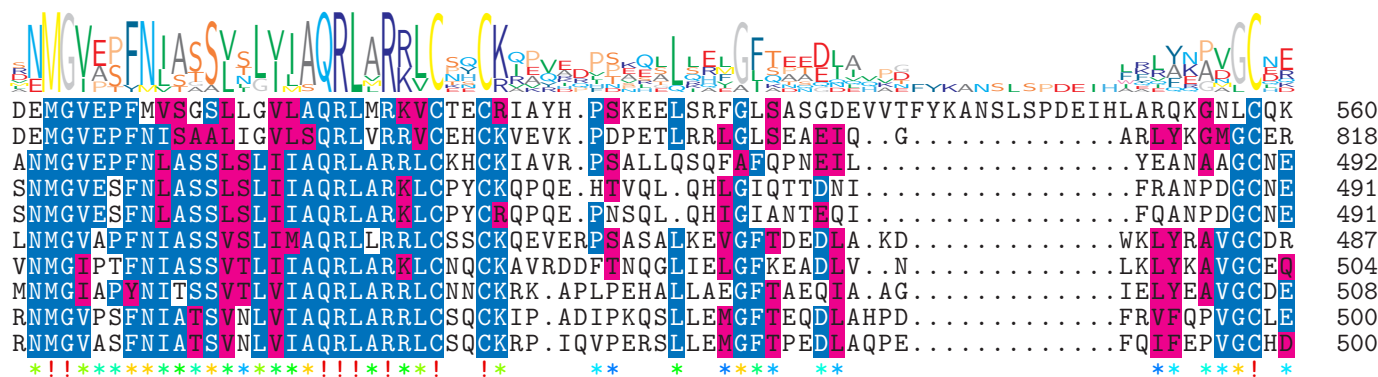
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NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus
```



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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
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 1000477 ABFU79 RS05145 WP 040940802.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

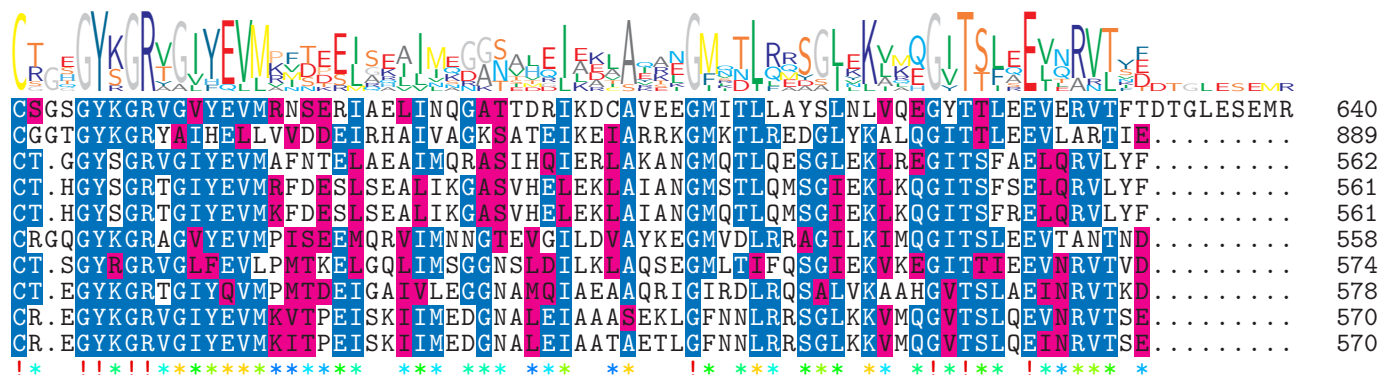
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1000477 ABFU79 RS05145 WP 040940802.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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logo

NTDB id 1410 SGL RS13950 WP 010873519.1	AKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	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 1000477 ABFU79 RS05145 WP 040940802.1	.....	578
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved