

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	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 45675 ACRAD RS01365 WP 005023073.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	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 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 45675 ACRAD RS01365 WP 005023073.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	240
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 45675 ACRAD RS01365 WP 005023073.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

NTDB id 1410 SGL RS13950 WP 010873519.1	MTSSSS	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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 45675 ACRAD RS01365 WP 005023073.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

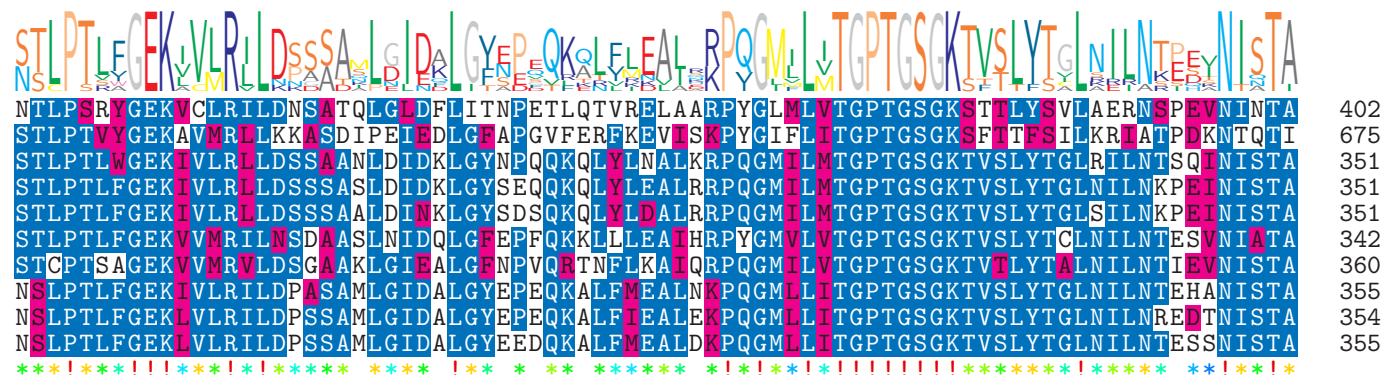
NTDB	id	1410	SGL	RS13950	WP	010873519.1	SKKSRVAVALRNYFSPFGNKLVAAGCHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELRLQYKKNQLFELKVLYGVD	86
NTDB	id	1028	TT	RS08215	WP	011173991.1	KEALEVQKGFLPFAKPLGETLVELGLARPEDVEEALQKQRGGGRLEDTLVQ..SGKLRPEALACA.....VATQLGYGP	391
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	MLTNLVALLRQAELISATQEQAVVTQVSASGTSVPPEALLE..LSIFHAQELTEQ.....LSHIFGLP	60
NTDB	id	1293	VP	RS12240	WP	005479695.1	MHSNLSTILRRQKGLTFSSQESLIEQVKASGISMPAALLS..SGFFTSSELAEH.....LSSIFGLS	60
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	MLTNLSTVLRRQAGILTFSQEESLLEQVKASGISMPAALLS..SGFFQSHELTEH.....LSSVFGLS	60
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	MSVGLLRLLVQNQVVTVQEAHHYY.NESQACKEVLPMLFS..DGVISPKS LAAL.....IARVFSYS	59
NTDB	id	1251	GCO85	RS07725	WP	011946523.1	...MALATEEYRLQGTGLLVLEKLLDKTKAIELHKLA AA EKI SLLQYIVK..NKILSAEQIALT.....AAQNFQVP	68
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	...MSAFTTPPKFSGFIRRLVEEGYVNANMQQALEKAKKFQKDIPYILID..NFSISPPLTIAEI.....ISLEFGEP	68
NTDB	id	45675	ACRAD	RS01365	WP	005023073.1	...MTVNFTP KFSGFIRRLVEDNHVSA AEMQNAVDTAKRN RQDIVPYILID..HFKLSPLLIAEF.....ISIEFGEA	67
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	...MSALHTSPKFTGFRRLLVEEKHVS AATMQTALDAAKRAKQDTVAYLIE..EVHLSPSPLLAET.....ISAEEAP	68
consensus							* * * * *	86

NTDB	id	1410	SGL	RS13950	WP	010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPSPSVL	VAMVDPDNLAAQDELNRILRVKGF..ELRRLVVT	164			
NTDB	id	1028	TT	RS08215	WP	011173991.1	YVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLE...GNRLVL	LLMKDPRNIALLDDVRLALKRKGLNVEVAPAVAT	463			
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ETDLSRYDYA.....NLCQQLGLRELI	TRYDALPTAKQ...GNL	LLAVSDPTLLQAEFEFRFATG.....LQVELALAD	127		
NTDB	id	1293	VP	RS12240	WP	005479695.1	QPELSQYEYA.....SLCQQLGLRELI	TRHNALPLHRT...PST	LLAVADPTNQAEEDFRFATG.....LQVELVLAD	127		
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	CTSLNHYEYA.....SLCQQLGLRDL	LITRHNALPLNRT...SST	LLAVADPTNLQAEEDFRFATG.....LQVELVLAD	127		
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	ILDLRHYPRH.....RVLGMGLTEEQMVEFHCV	VPVFR...GDKVFFAVSDPTQMPQIQKT	VSAAAG.....IAVELVIVE	126		
NTDB	id	1251	GCO85	RS07725	WP	011946523.1	MLDINCIDVG.....TIPVNLVNEKLIK	RHAMVPLFSR...GTN	LYLATDDPSKQASLKEIQFHTG.....LNTHAIVE	135		
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	LLDLGVDPDA.....LFLKDKID	EKLQKYRIMPLVHR...GHV	LVYVATSNPTNIEAMD	AIIRFNSK.....LKVEPIIVE	135	
NTDB	id	45675	ACRAD	RS01365	WP	005023073.1	LFDLAVYDVT.....QIPRDVVDEK	LILKHRVPLIKR...GHT	LFVATSNPTNIEALEA	IRFNSK.....LNIEVIVE	134	
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	YFDLDVYDTS.....QIPKDLVDQKLLK	HLKHLPLIQR...GQILYVATSNPSNIEA	AIDAIIRFNSK.....LLVEPVIVE	135		
consensus							*** * * *	* * * * *	*** ! * *	* * * * * ! * * *	*****	*****

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 45675 ACRAD RS01365 WP 005023073.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus



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 NGBF RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 45675 ACRAD RS01365 WP 005023073.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus



```

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 45675 ACRAD RS01365 WP 005023073.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

```



```

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 45675 ACRAD RS01365 WP 005023073.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

```



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 45675 ACRAD RS01365 WP 005023073.1	.....	569
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved