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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 186563 BAY15 RS14980 WP 068853813.1	.....	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	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
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 186563 BAY15 RS14980 WP 068853813.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	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 186563 BAY15 RS14980 WP 068853813.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

NTDB id 1410 SGL RS13950 WP 010873519.1	MTSSSSS	7
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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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 186563 BAY15 RS14980 WP 068853813.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

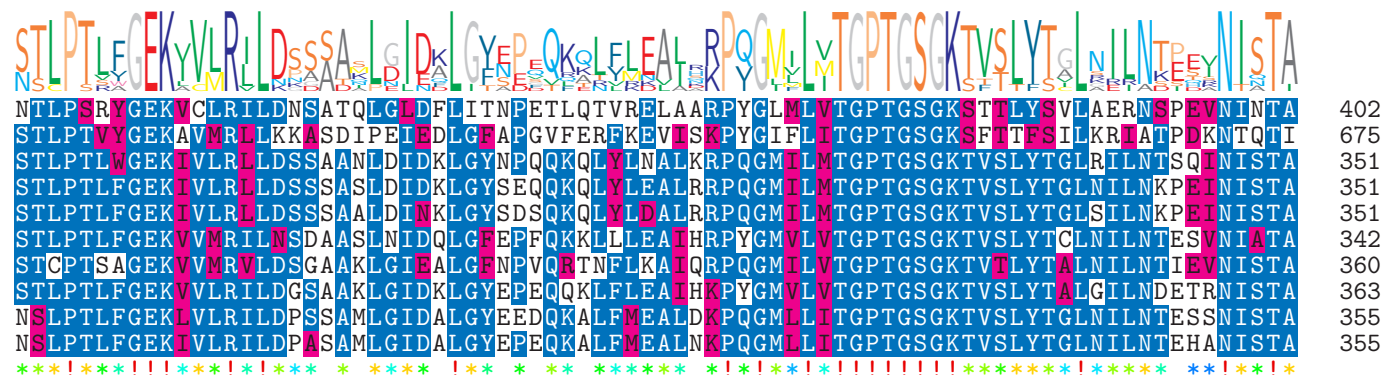
NTDB id 1410	SGL RS13950 WP 010873519.1	KKSRLAVALLRNYFSPFGNKLVAAGCHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELRLQYKKNQLFELKVLYGVD	86
NTDB id 1028	TT RS08215 WP 011173991.1	KEALEVQKGLPRAKP LGETLVBLGLARPEDVEEALQKQRGGGRLEDTLVQ..SGKLRLPEALAAQA.....VATQLGYVP	391
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVALLRQAELISATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLSTILRRQKGLLTFSQEESLIEQVKASGISMPAALLS..SGFFTSSELAEH.....LSSIFGLS	60
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTVLRRQAGILTFSQEESLLEQVKASGISMEALLS..SGFFQSHELTEH.....LSSVFGLS	60
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLRLLVQNQVVTVQEAHHYNESQ.AGKEVLPMLFS..DGVISPKSLAAL.....IARVFSYS	59
NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLA-AAEKISLLQYIVK..NKILSAEQIALT.....AAQNFQVP	68
NTDB id 186563	BAY15 RS14980 WP 068853813.1	.MNAVV TANLVGITGIARRLVQDGALDEAAARDAMAKAAA AKQPLPQYFAE..KKLVTPAQ LAAA.....NALEFGMP	70
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.MSAL..HTSPKFTGFRRRLVEEKHVSAATMQTALDAAKRAKQDTVAYLTIE..EVHLSPSL LAET.....ISAFAEP	68
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.MSAF..TTPPKFS GFIRRLVEEGYVNANMMQAL EKAKKFKQDITVPYLID..NFSISPLTIAEI.....ISLEFGEP	68
consensus		***** *!***** ** ***** **** * **** * **** *	

NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPSPVLVAMVPDNLAAQDELNRILRVK..GFELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT	463
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLRSYDYAN.....LCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEEFRFAT.....GLQVELALAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQQEYAS.....LCQQLGLRELI TRHNALPLHRTT...STLLHAVADPTNQQAEDDFRFAT.....GLQVELVLAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQHYEYAS.....LCQTGLGLRD LITRHNALPLNRSTS...STLILAVADPTNLQAEDDFRFAT.....GLQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDLRHYPRHR.....VLMGVLT EEQMVEFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAA.....GIAVELVTIVE	126
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLDINCIDVGT.....IPVNLVN EKL IKRHAMVPLFSRG...TNLYLATD DPSKQASLK EI QFHT.....GLNTHAIVIVE	135
NTDB id 186563 BAY15 RS14980 WP 068853813.1	LLDVSVFDSAQ....SAISLVSEELL RKHHVLP LF KR G...GKLFVGTS DPTH..SLDEIK FHT.....NLV VEP ILVD	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....TPKDLVDQKLILKHRIPLIQRG...QILYVATSNSPSNIEADAIRFNS.....KLLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVDFPAL.....FLKDKID EK LI QKYRIMPLVHRG...HVLYVATSNPN T N IEAMD AIRFNS.....K L K VEP I I V E	135
consensus	* * * * *	

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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
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consensus



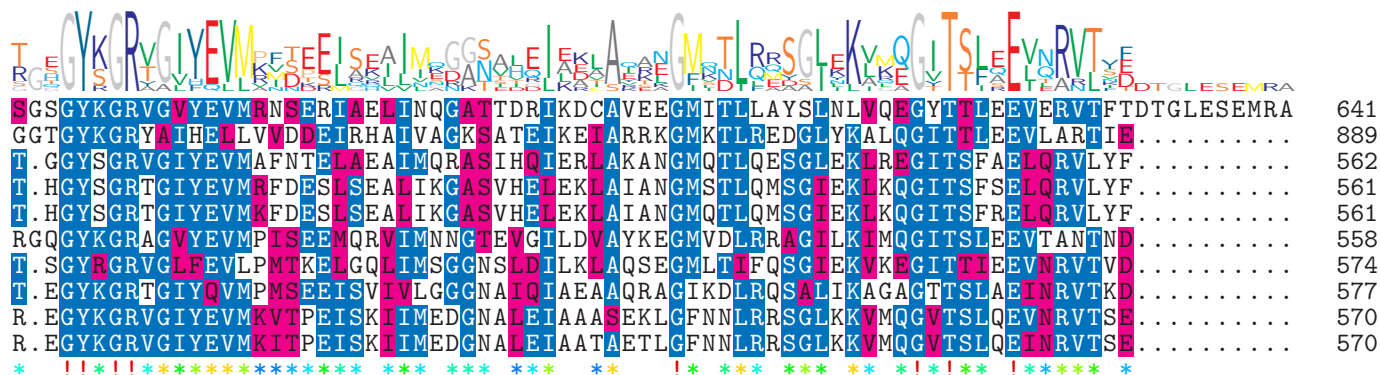
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NTDB id 1028 TT RS08215 WP 011173991.1
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consensus



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consensus



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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
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NTDB id 1110 NGF6 RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 186563 BAY15 RS14980 WP 068853813.1
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	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
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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 186563 BAY15 RS14980 WP 068853813.1	.....	577
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved