

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1045356 ACEPMO RS02680 WP 197344961.1	.....	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	0

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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 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1045356 ACEPMO RS02680 WP 197344961.1	.....	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	0

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	240
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1045356 ACEPMO RS02680 WP 197344961.1	.....	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
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consensus	0

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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

LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSRSE
MTSSSS
LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL

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logo

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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

MSA... V... G... S... P... Y... S... S... L... S... P... L... A... E... L... S... F... G... P...
SKKSRAVALRNYFSPFGNKL VAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGREL SPEL LRQYKKNQLFELKVLVGYD
KEALEVQKGLPRAKPIGETLVELGLARPEDVEEALQKQRRGGRIEDTLVQ...SGKLRPEALAA...VATQLGYP
...MLTNLVAILRQAEILSATGEQAVVTQVSASGTSVPEALIE...LSIFHAQELTEQ...LSHTFGLP
...MLINLSTVLRQAGILTFSSQEESSLLEQVKASGISMP EALLS...SGFFQSHLTHE...LSSVFGLS
...MHSNLSLILRQKGLLTFSSQEESSLLEQVKASGISMP EALLS...SGFFTSSLAEH...LSSIFGLS
...MTLGLSL...AQSRRITAPTLIT.QLEQ...SAREKRTQLIDELVS...SGIMS AHDLAVF...VAGKYQMP
...MSVGLLR...ILVQNQVV.TVEQAEHYNNESQAGKEVLPMLFS...DGVISPKSLAAL...IARVFSYS
...MALATEEYRLQGITGLLVLEKLLDKTKAIELHKLAAA EKI SLLQYIVK...NKILSAEQIALT...AAQNFVGP
...MSALHTSPKFTGFFRRLVVEEKHVS AATMQTALDAAKRAKQD TVAYLIE...EVHLSPSLLAET...TSAEFAEP
...MSAFTTPPKFGFIRRLVVEEGYVNAQNMQQALEKAKKFKQD LVPYLLID...NFSISPLTIAEI...ISLEFGEP

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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 1401 DSB67 RS12665 WP 010643259.1
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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

DLVYDA... L... E... L... R... H... A... P... L... R... G... L... L... A... V... D... P... T... N... I... A... D... E... R... E... A... T... G... L... V... E... L... V... I... V... E...
SVDPEVAPIAIQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRLRVKGF..ELRRLVVT
YVDPEEDPPDP...GAPLLIPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT
ETDLSRYDYAN...LCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAE EEFRFATG...LQVELALAD
CTSLNQY EYAS...LCQQLGLRELITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFATG...LQVELVLAD
QP ELSQY EYAS...LCQQLGLRELITRHNALPLH RTP...STLLLAVADPTNQQAEDDFRFATG...LQVELVLAD
LDDL AQYKLDI...VPPVLSANRHFQQLRLPLPLGRD...NRIIVATSDP SDPKPLEELRQKMN...VAIETVIVE
ILDRLHYPRHR...VLMGVLTEEQMVEFHCVVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG...I AVELVIVE
MLDINCIDVGT...IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG...LNTHAIVVE
YFDLDVYDTSQ...IPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK...LLVEPVIVE
LDDLGV F DPAL...FLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMD AIRFNSK...LKVEPIIVE

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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



244
518
193
193
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202
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logo

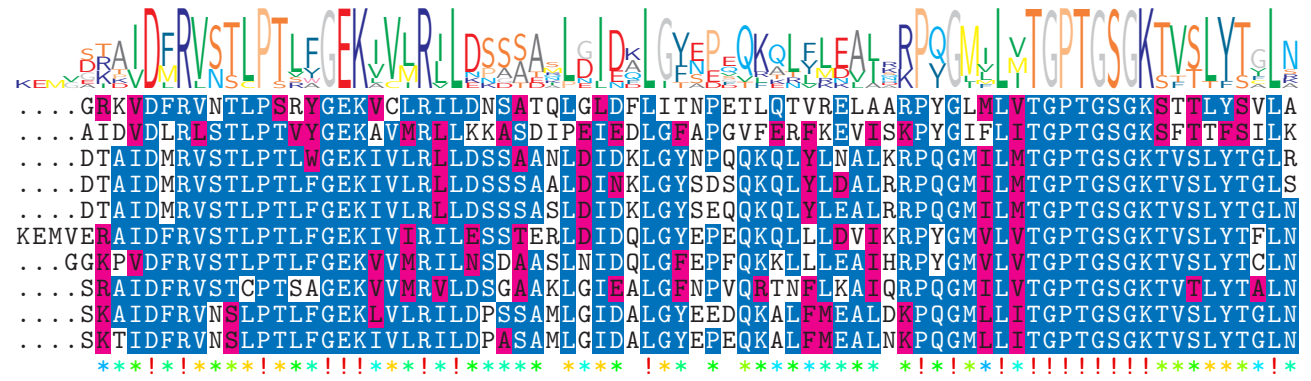
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1045356 ACEPMO RS02680 WP 197344961.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB 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 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1045356 ACEPMO RS02680 WP 197344961.1
 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 1410 SGL RS13950 WP 010873519.1	FTDTGLESEMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	I.....	889
NTDB id 1168 A1552VC RS11070 WP 000957200.1	YF.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	YF.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	YF.....	561
NTDB id 1045356 ACEPM0 RS02680 WP 197344961.1	NQ.....	575
NTDB id 1110 NGFG RS09235 WP 003689817.1	ND.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	VD.....	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SE.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	SE.....	570
consensus	*	

- non conserved
- similar
- ≥ 50% conserved