

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 412461 GTF74 RS02330 WP 000957200.1	.....	0
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 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		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 412461 GTF74 RS02330 WP 000957200.1	.....	0
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 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		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 412461 GTF74 RS02330 WP 000957200.1	.....	0
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 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		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLG	EVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLG	EVLVQEGKLSREAL	320
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	.....	0
NTDB id 412461 GTF74 RS02330 WP 000957200.1	.....	.....	0
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 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

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSP	ELRQYKKNQLFELKVLVGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGELTVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEAL	AQA.....VATQLGYP	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	.....	21
NTDB id 1355 HI 0298 AAC21962.1	.....	.....	21
NTDB id 412461 GTF74 RS02330 WP 000957200.1	MLTNLVAITLRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ	LSHIFGLP	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAITLRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ	LSHIFGLP	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSS..GFFQSHELTEH	LSSVFGLS	60
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSITLRQKGLTFSQEESLIEQVKASGISMPEALLSS..GFFTSSSLAEH	LSSIFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHY..NESQAGKEVLPMFLSD..GVITSPKSLAAL	IARVFSYS	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQ	IALT.....AAQNFQVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDVTAYLIEE..VHLSP	SPSLAET.....ISAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFTSGFIRRLVEEGYVNAQNMQQALEKAKFKQDIVPYLIDN..FSISPLT	IAEI.....ISLEFGEP	68
consensus	*	*	*

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDE	ILNRILRVKGF..ELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPPEEDPPDP.....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNILALDD	VRLALKRKGLNVEVAPAVAT	463
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDL.....WERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDLSNLSACET	IAFITG.....KPVEPILLE	82
NTDB id 1355 HI 0298 AAC21962.1	ISPDL.....WERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDLSNLSACET	IAFITG.....KPVEPILLE	82
NTDB id 412461 GTF74 RS02330 WP 000957200.1	ETDLSRYDYAN.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAE	EEFRFATG.....LQVELALAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAE	EEFRFATG.....LQVELALAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYEYAS.....LCQTLGLRLDITRHNALPLNRTS...STLILAVADPTNLQAE	DDFRFATG.....LQVELVLAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQYEYAS.....LCQQGLGLRELITRHNALPLHRTS...STLLLAVADPTNQAE	DDFRFATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDRLHYPRHR.....VLMGVLTEEQMVFEHCVPVFRRG...DKVFFAVSDPTQMPQ	IQKTVSAAG.....IAVELVIVE	126
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLDINCIDVGT.....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQAS	LKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....IPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEA	IDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVFDPAL.....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYATSNPTNIEA	MDAIRFNSK.....LKVEPTIVE	135
consensus	**	**	**

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 412461 GTF74 RS02330 WP 000957200.1	.....	562
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved