

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGSAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGSAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1355 HI O298 AAC21962.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	.....	0
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 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	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTSKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTSKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1355 HI O298 AAC21962.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	.....	0
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 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	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
NTDB id 1355 HI O298 AAC21962.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	.....	0
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 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	LRSDALRYGAVPIIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGIFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	.....	0
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 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	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSIPPEELKAVTGRELSPPELLRQYKKNQLFELKVLVGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALQAQ.....VATQLGYP	391
NTDB id 1355 HI 0298 AAC21962.1	.....	22
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	22
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	.....	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	60
NTDB id 1293 VP RS12240 WP 005479695.1	.....	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	..MALATEEYRLQGIQGLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFVGP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..MSALHTSPKFTGFFRRLLVEEKHVSAATMQTALDAAKRAKQDVTVAYLIEE..VHLSPSLLAET.....ISAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..MSAFTTPPKFSGFIRRLVEEYVNAQNMQQALEKAKKFKQDITVPYLLIDN..VHLSPLTIAEI.....ISLEFGEF	68
consensus	

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NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDEINRILRVKGF..ELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALDDVRLALKRKGLNVEVAPAVAT	463
NTDB id 1355 HI 0298 AAC21962.1	.....	82
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	82
NTDB id 1094501 ACMV04 RS02490 WP 414931889.1	IIDFANYDYQT....VCHNLGLRELITRSRAVPIRQSE...HQLLIVAVTDPNTNIAIEEFRFATG.....KQTELVLAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN....LCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEFRFATG.....LQVELALAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQYAYAS....LCQQLGLRELITRHNAIPLHRT...STLLLAVADPTNQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYAYAS....LCQQLGLRELITRHNAIPLNRTS...STLILAVADPTNLQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDLRHYPRHR....VLMGVLTEEQMVVEFHCVVFRRG...DKVFFAVSDPTQMPQIKQTVSAAG.....IAVELVIVE	126
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ....IPKDLVDQKLLIKHRILPLIQRG...QILYVATSNPNSNIEAIDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVFDPAL....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDIAIRFNSK.....LKVEPIIVE	135
consensus	

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NTDB id	Accession	Sequence	Length
1410	SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
1028	TT RS08215 WP 011173991.1	.....	889
1355	HI O298 AAC21962.1	.....	464
1366	NTHI RS01950 WP 011271972.1	.....	464
1094501	ACMVO4 RS02490 WP 414931889.1	.....	563
1168	A1552VC RS11070 WP 000957200.1	.....	562
1293	VP RS12240 WP 005479695.1	.....	561
1401	DSB67 RS12665 WP 010643259.1	.....	561
1110	NGFG RS09235 WP 003689817.1	.....	558
1251	GCO85 RS07725 WP 011946523.1	.....	574
1058	ABD1 RS01615 WP 001274986.1	.....	570
1018	ACIAD RS01685 WP 004920473.1	.....	570
consensus			

non conserved
 similar
 ≥ 50% conserved