

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 162061 ASZ86 RS12445 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		

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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 162061 ASZ86 RS12445 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		

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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 162061 ASZ86 RS12445 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		

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consensus

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[illegible]

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consensus

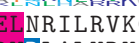
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Sequence	Position
SKKSRAVALRNYSFPFGNKLVAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLYGVD	86
KEALEVQKGLPRAKPIGETLVELGLARPEDVEEALQKQRRGGREDTLVQS.GKLRPEALAQAAAAATATQLGY	391
.....MTSY..ALLHTQRVTAQ.....NGEIFT..	21
.....MTSY..ALLHTQRVTAQ.....NGEIFT..	21
.....MLTNVAILRQAEILSATREQAVVTQVSASGTSVPEALLLEL.SIFHAQELTEQ.....LSHIFGLP	60
.....MLTNVAILRQAEILSATREQAVVTQVSASGTSVPEALLLEL.SIFHAQELTEQ.....LSHIFGLP	60
.....MLTNLSTVLKQAGILTFSGEESLLEQVKASGISMPEALLSS.GFFQSHELTEH.....LSSIFGLS	60
.....MHSNLSLIRKQGLLTFSGEESLLEQVKASGISMPEALLSS.GFFTSSLEAEH.....LSSIFGLS	60
.....MSVGLLRILVQNQVVTVEQAEHYH.NESQAGKEVLPMLFSD.GVISPKSLAAL.....IARVFSYS	59
...MALATEEYRLQGIGQLVLEKLLDKTKAIELHKLAAAEKISLQYIVKN.KILSAEQIALT.....AAQNFGVP	68
...MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEE.VHLSPLSLAET.....LSAEFAEP	68
...MSAFTTPPKFSGFIRRLVEEYGVNAQNMQALAKAKKFKQDIVPYLIDN.FSISPLTIAEI.....LSLEFGEP	68

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consensus

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SVDPPEVAPVATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPSSVLVAVMDPDNLAQDEINRILRVKGF..ETRRLLVVT	164
YVDPEEDPPDP...GAPLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALDDVRLALKRGLNVEVAPAVAT	463
.....ISPD.....WERNQQQSLRLRYFALPLKEEN...NRLWLGVDLSLN.SACETIAFITG.....KPVEPILLE	82
.....ISPD.....WERNQQQSLRLRYFALPLKEEN...NRLWLGVDLSLN.SACETIAFITG.....KPVEPILLE	82
ETDLSTRYDYAN....LCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTILLQAEFFRFATG.....LQVELALAD	127
ETDLSTRYDYAN....LCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTILLQAEFFRFATG.....LQVELALAD	127
CTSLNQYEYAS....LCQTLGLRDLITRHNALPLNRTS...STLLAVADPTNLQAEEDFRFATG.....LQVELVLAD	127
QPQLSQEYAS....LCQQLGLRELITRHNALPLNRTP...STLLAVADPTNLQAEEDFRFATG.....LQVELVLAD	127
ILDLRHYPHR....VLMGVLTEEQMVEFHCVPVFRRG...DKVFFAVSDPTQMPQIKTQVSAAG....LAVELVIVE	126
MLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
YFDLDVYDTSQ....LPKDLVDQKLLKHLRILPLIQRG...QILYVATSPSNTAIDAIRFNSK.....LLVEPVIVE	135
LLDLGVFDPAL....FLKDKIDEKLIQKYRIIMPLVHRG...HVLVYATSNPTNIEAMDIAIRFNSK.....LKVEPIIVE	135
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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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 162061 ASZ86 RS12445 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