

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 287907 N16961 RS02430 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 GCO85 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	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPPPSG	160
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 287907 N16961 RS02430 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 GCO85 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	EGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 287907 N16961 RS02430 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 GCO85 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	LRSDALRYGAVPIIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRNLGGEVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRNLGGEVLVQEGKLSREAL	320
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 287907 N16961 RS02430 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 GCO85 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

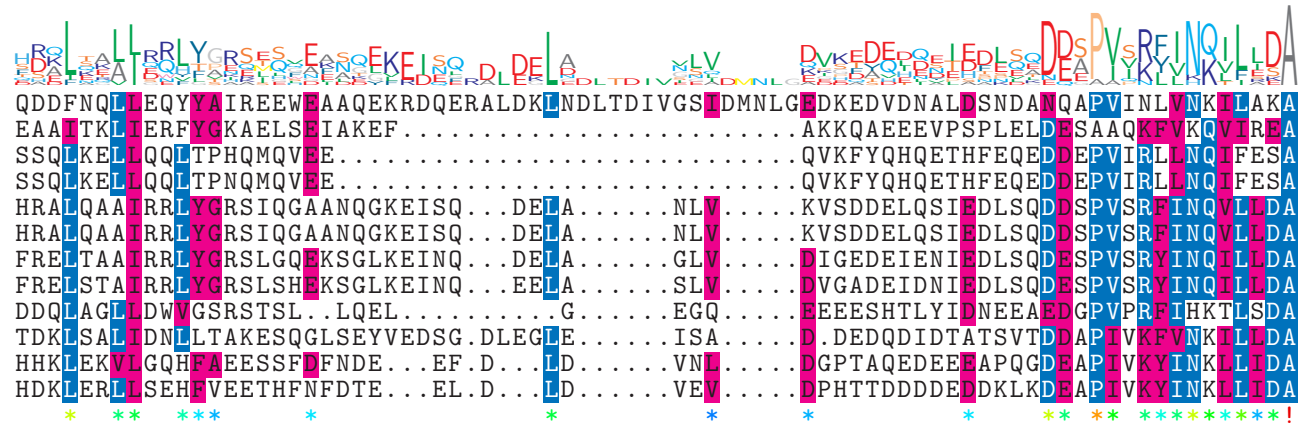
NTDB id 1410 SGL RS13950 WP 010873519.1	SKKSRVAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTCGRSTPEELKAVTGREISPELLRQYKKNQLFELKVLVGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGELLVELGLARPEDVEEALQKQRRCGRIEDTLVQS..GKLRPEALAAQA.....VATQLGY	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	21
NTDB id 1355 HI 0298 AAC21962.1	.....	21
NTDB id 287907 N16961 RS02430 WP 000957200.1	.....MLTNLVAILLRQAEELISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHFGLP	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVAILLRQAEELISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHFGLP	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILLTFSQEESSLIEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLSTVLRQKGLLTFSSQEESSLIEQVKASGISMPEALLSS..GFFTSSELAEH.....LSSVFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRLLVQNVVTVVEQAEEHY.NESQACKEVLPMLFSD..GVISPKSLAAL.....LAVFVSYS	59
NTDB id 1251 GCO85 RS07725 WP 011946523.1	...MALATEEYRLQGIQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQALTA.....AAQNFQVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTGFFRRLVEEKHVSAATMQTALDAAKRAKQDITVAYLIEE..VHLSPSLLAET.....LSAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTTPPKFSGFIRRLVEEGYVNAQNMQAALQEKAKKFKQDVPYLLIDN..FSISPLTIAEI.....LSLDFCEP	68
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPPEVAPIATQQMAELIGRFFPLTCRRFKFLPLAQQEGDPPSVLVAVDPDNIAAQDELNRILRVKGF..ETRRLLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP.....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALADDVRLALKRKGGLNYEVAPAVAT	463
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....ISPD.....WERNQQQSLLLRYFALPLKEEN...NRLWLCVDSLNSACETIAFITG.....KPVPELLE	82
NTDB id 1355 HI 0298 AAC21962.1	.....ISPD.....WERNQQQSLLLRYFALPLKEEN...NRLWLCVDSLNSACETIAFITG.....KPVPELLE	82
NTDB id 287907 N16961 RS02430 WP 000957200.1	ETDLSTRYDYAN....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEDFRFATG.....LQVELALAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSTRYDYAN....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEDFRFATG.....LQVELALAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYHYAS....LCQTLGLRDLITRHNALPLNRTS...STLLAVADPTNLQAEEDFRFATG.....LQVELVAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPFLSQYHYAS....LCQQGLGLRELITRHNALPLHRTS...STLLAVADPTNLQAEEDFRFATG.....LQVELVAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILLDRHYPRHR....VLMGVLTEQMVETHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAQ.....LAVELVIVE	126
NTDB id 1251 GCO85 RS07725 WP 011946523.1	MLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ....LPKDLVDQKLLKHRILPLIQRG...QILYVATSNPNTIADAIREFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVDFPAL....FLKDKIDEKLIQYRIMPLVHRG...HVLVYVATSNPTNTEAMDAREFNSK.....LKVPEIIVE	135
consensus		

logo

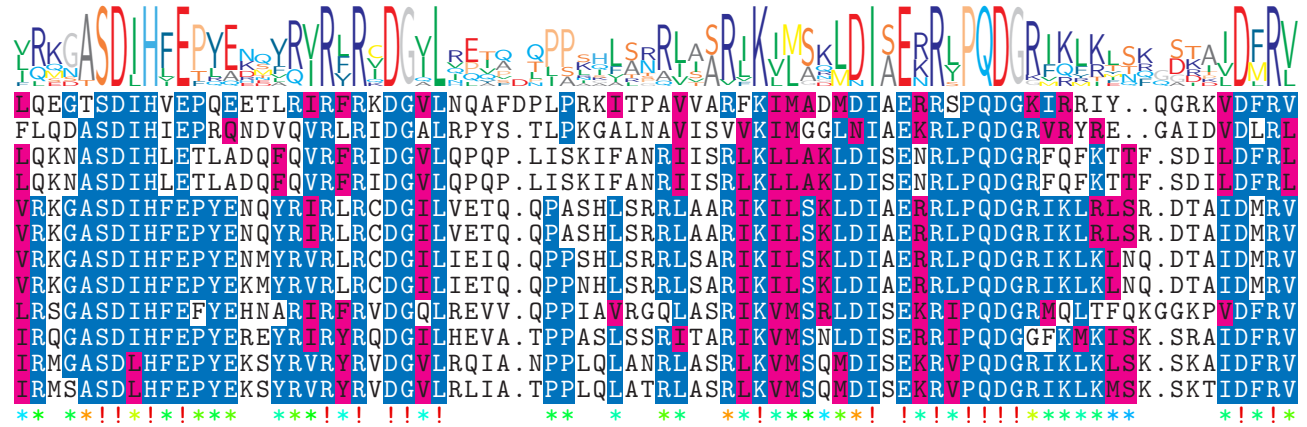
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 287907 N16961 RS02430 WP 000957200.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 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



244
518
133
133
193
193
193
193
193
183
202
197
197

logo

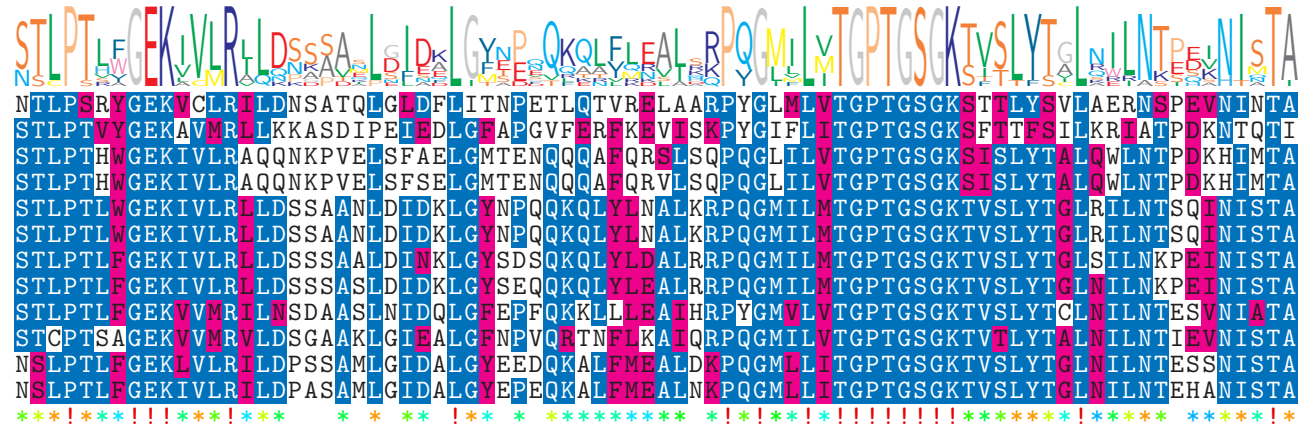
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 287907 N16961 RS02430 WP 000957200.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 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



322
595
211
211
271
271
271
271
262
280
275
275

logo




NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 287907 N16961 RS02430 WP 000957200.1
 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 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



402
675
291
291
351
351
351
351
342
360
355
355

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 287907 N16961 RS02430 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 GCO85 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