

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 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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	.....	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	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	.....	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	EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	240
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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	.....	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	LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSRSS	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	.....	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	SKKSRAVALRNYFSPFGNKL VAGGHVDAEQLRQALVQVKKTKGRSLPEELKAVTGRELSPPELLRQYKKNQLFELKVLVGYD	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRGGRLD TLVQ..SGKLRPEALAAQ.....VATQLGYD	391
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVAILRQAE LISATQEAVVTQVSASGTSVPEALIE..LSIFHAQELTEQ.....LSHTIFGLP	60
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLS TILRQKGLLTF S QEESLIEQVKASGISMPEALLS..SGFFTSSSELAEH.....LSSIFGLS	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVIVEQA EHYN ESQ.AGKEVLPMLFS..DGV TSPKSLAAL.....IARVFSYS	59
NTDB id 1251 GCO85 RS07725 WP 011946523.1	..MALATEEYRLQGIQGLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNFVGP	68
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	..MNVVIANLVGITGIARRLVQD GALDE SAARLAMDQASAAKVPLPQWFAE..KKLVTASQLAAA.....NAVEFGMP	69
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..MSALHTSPKFTGFFRRLVEEKHVS AATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAET.....TSAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..MSAFTTPPKFSGFIRR LVEEGYVNAQNMQQALEKAKKFKQDTPVYLLID..NFSISPLT LAEI.....ISLEFGEP	68
consensus	*** *! ** **** * **** * * **** * ** ** ** **	

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPEVAPIATQMAELIGRFFPLDCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRLRVLK..FELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP...GAPLLIPEDLCRRYGVFPHRLE..GNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT	463
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN...LCQQLGLRELITRYDALPIAKQ...GNLLLLAVSDPTLLQAE EEF RFATG.....LQVELALAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQY EYAS...LCQQLGLRELITRHNA LPHRT...PSTLLLAVADPTNQQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQY EYAS...LCQTLGLRDLITRHNA LPLNRT...SSTLILAVADPTNIQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDRLHYPRHR...VLMGVLTEE QMVEFHCVVFR...GDKVFFAVSDPTQMPQIQKTVSAAG.....TAVELVIVE	126
NTDB id 1251 GCO85 RS07725 WP 011946523.1	MLDINCIDVGT...IPVNLVNEKLIK RHAMVPLFSR...GTNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVE	135
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	LMDVSVFDANQ...NAVKLVSEELIQKYQVLP LFKR...GNRLFVGVSNPTQTRALDDIKFHTN.....LVVEPILVD	136
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ...IPKDLVDQKLILKHRILPLIQR...GQILYVATS NPSNIEAIDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LIDLGVFDPAL...FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATS NPTNIEAMD AIRFNSK.....LKVEPILIVE	135
consensus	*** ** * * ** **** * *! * ** * * *****!*** ***** ** * ** ****	



logo

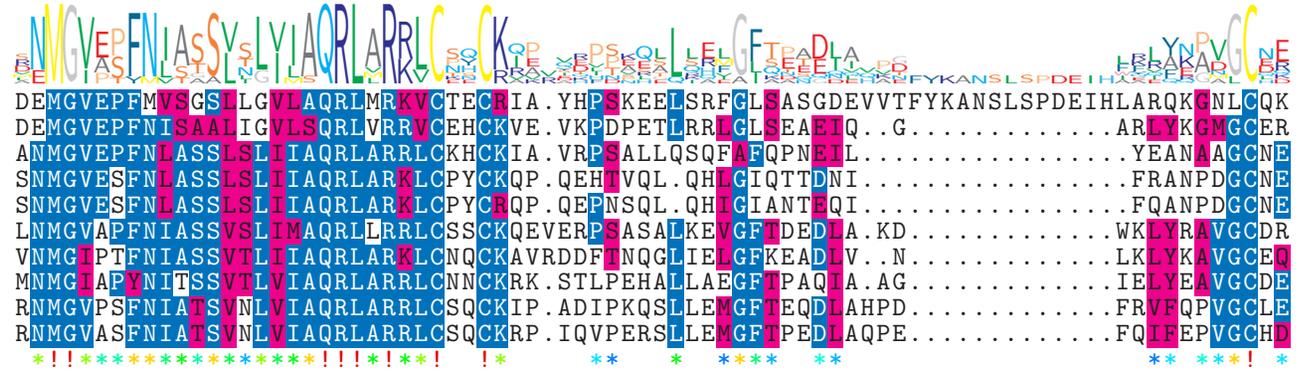
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



481  
754  
430  
430  
421  
439  
442  
434  
434

logo

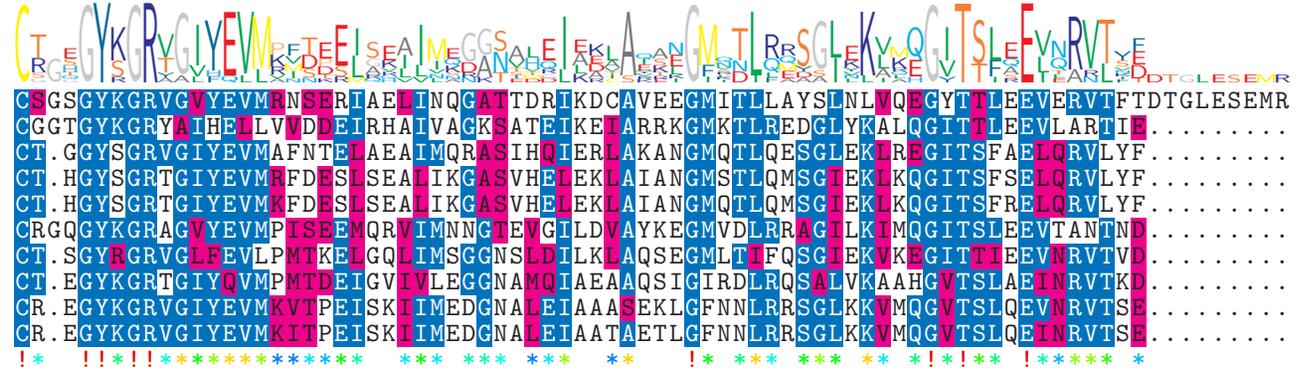
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



560  
818  
492  
491  
491  
487  
504  
507  
500  
500

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 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



640  
889  
562  
561  
561  
558  
574  
577  
570  
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	AKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....	574
NTDB id 1132541 ACLQ00 RS15925 WP 047130424.1	.....	577
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

- non conserved
- similar
- ≥ 50% conserved