

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLTIGDrRLGAALLDQGYLDNQLQRALERHhEVGGhLAhVLYDhGhEhRRIABhIEhGhIPLVhLhVhVhPshK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	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 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	hEhTbEhEhAELRAhPFhALbEehhRVAhYbPLbTbStEhYEDbGhYhEPYQhTbRbYhA+AhHYhELhGLhYhPshK	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDhTSLhEEVEDLTGLVhVEPYQhTTKSAFLYALAKHYhPELhGLhPVhPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFhPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYhPELhGLhEIVhVPSGA	157
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	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 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	ShEhGShb+KLGEELhYhShYhIbEhRLEhVALhQhRtGShLGLhTLYshRshYhEhRLYhEXhLAhEQhGhEhFLhEhGhYhPshK	0
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLhGELLhLQhKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQhKGLEhFLEhSTEGIVhPDPSAA	237
NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYhEVhLAEhQEGhTTFLhPNhPSGhFhPGEhEVL	237
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	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 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MTS	3
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	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 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

logo

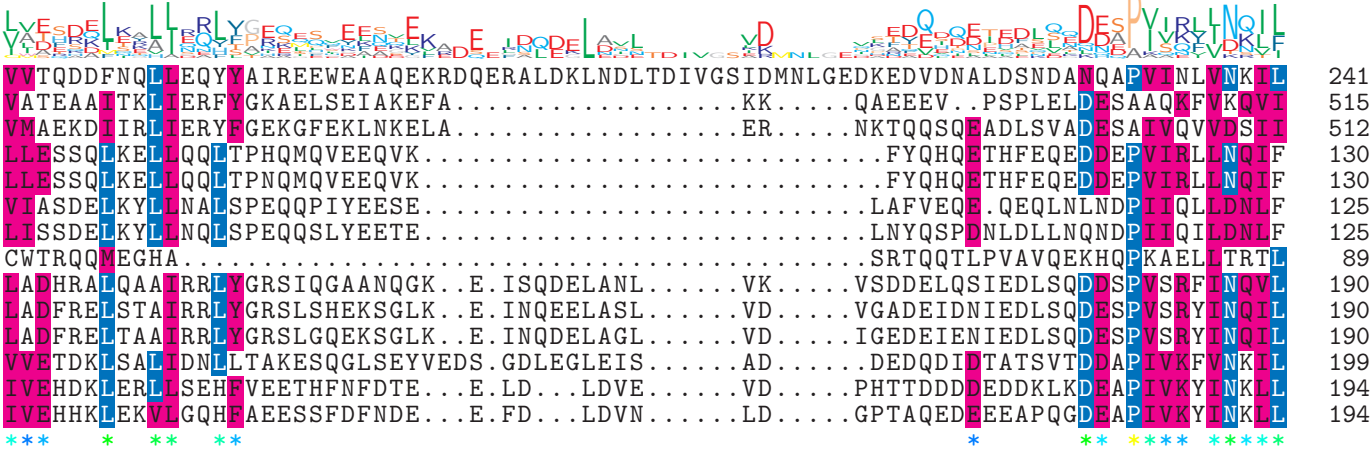
NTDB id 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLV	83
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALIQKQRRGGGRIEDTLV..QSGKLRPEALAQAA.....VATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDEVDNALQKQNVGGGRIEDTLV..QSGKLSPEMLARS.....LAAQL	388
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSYA.....LLHTQRVTAQ.....NGEIF	20
NTDB id 1355 HI 0298 AAC21962.1	MTSYA.....LLHTQRVTAQ.....NGEVF	20
NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSQYT.....ICEQQ.....TERIF	15
NTDB id 1468 ASU2 RS05090 WP 014991734.1	MQYS.....VCDMN.....SQQVF	14
NTDB id 1436 BW25113 RS00530 WP 001025145.1	M	1
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAELISATQEQAIVTQVSASGTSVPEALL..ELSIFHAQELTEQ.....LSHIF	57
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALL..SSGFFTSSSELAEH.....LSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLIEQVKASGISMPEALL..SSGFFQSHELTEH.....LSSVF	57
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIV..KNKILSAEQIALT.....AAQNF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQAIEKAKKFKQDIVPYLI..DNFSISPLTIAEI.....ISLEF	65
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDITVAYLI..EEVHLSPSLLAET.....ISAEF	65
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRL	161
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNILALDDVRLALKRGLNVEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD....PKVALMIPEATARRVVVVPVRLQG...NSLVVAMKDPRNVFALDDCLKLITG.....KEILPA	455
NTDB id 1366 NTHI RS01950 WP 011271972.1	TISPD....LWERNQQQSLILRYFALPLKEEN...NRLWLGVDLSLSNLSACETIAFITG....KPVEPI	79
NTDB id 1355 HI 0298 AAC21962.1	TISPD....LWERNQQQSLILRYFALPLKEEN...NRLWLGVDLSLSNLSACETIAFITG....KPVEPI	79
NTDB id 1384 A4U84 RS08525 WP 010787006.1	DISPS....RWQKNCEEKQLLRLYLAVPVQETE...HKLWLAVDDENNLTACEIFAFMTH....KQIEPV	74
NTDB id 1468 ASU2 RS05090 WP 014991734.1	DISES....LWQKNCDEKHILLRYLAIPIQEND...DTLWLAIIDMNNLSACEIFAFIAH....KTIEPV	73
NTDB id 1436 BW25113 RS00530 WP 001025145.1	NIPQLT.....ALCLRYHGVLLDASE...EVVHVAVVDAPSHELLDALHFATT....KRIEIT	52
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLSRYDYA....NLCQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEEEFRAFATG....LQVELA	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRT...STLLAVADPTNQQAEDDFRAFATG....LQVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA....SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNLQAEDDFRAFATG....LQVELV	124
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEITQFHTG....LNTHAI	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPA....LFLKDKIDEKLIQKYRIMPLVHRG...HVLYVATSNPTNIEAMDAIRFNSK....LKVEPI	132
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDFLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK....LLVEPV	132
consensus		

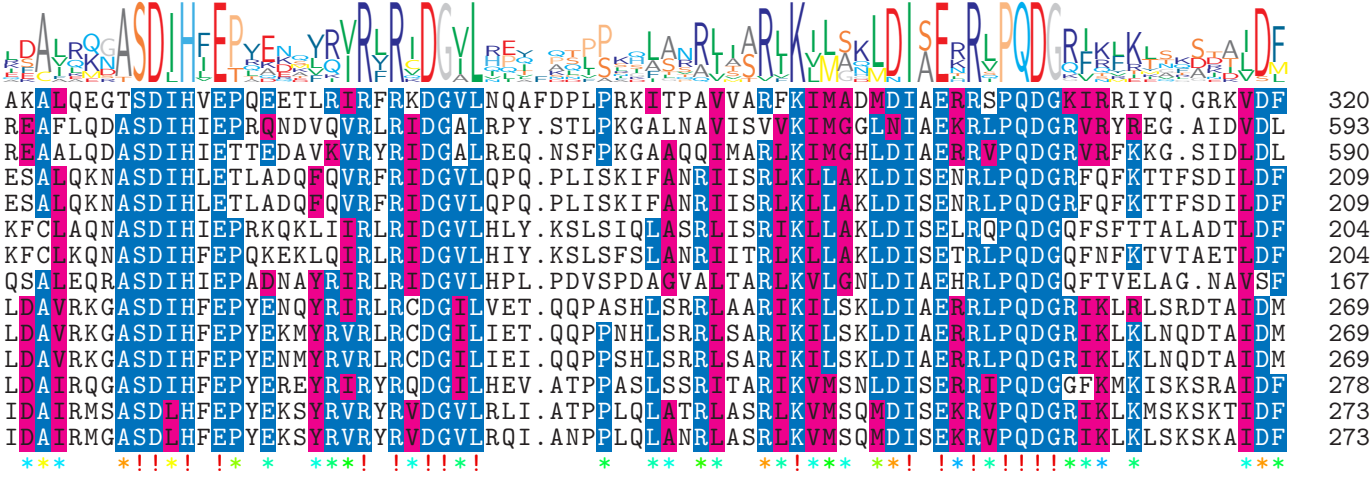
logo

NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



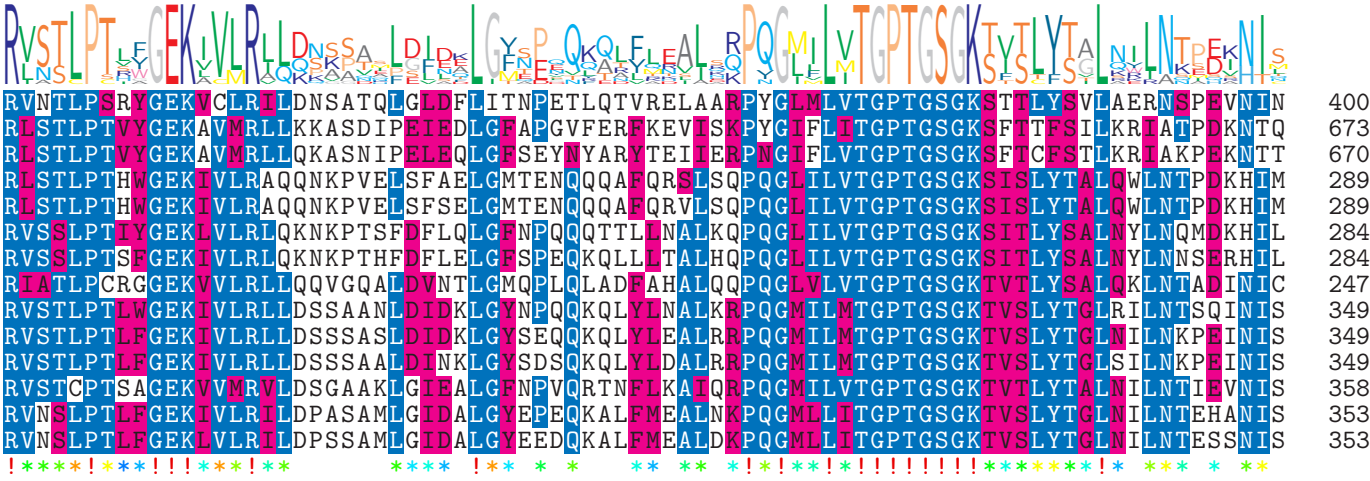
logo

NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



logo

NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



logo

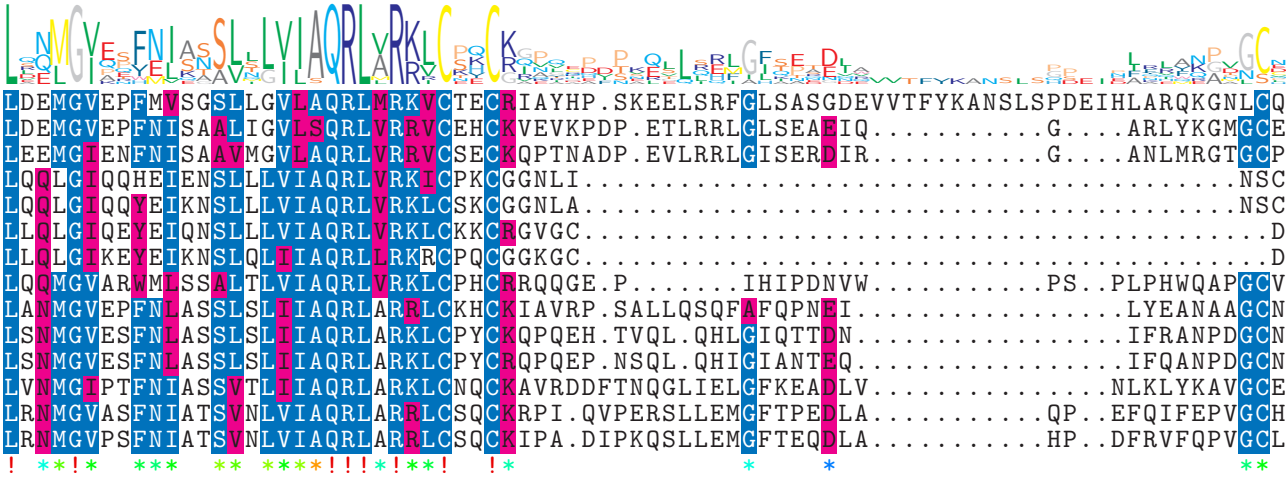
NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



480
753
750
369
369
364
364
327
429
429
429
438
433
433

logo

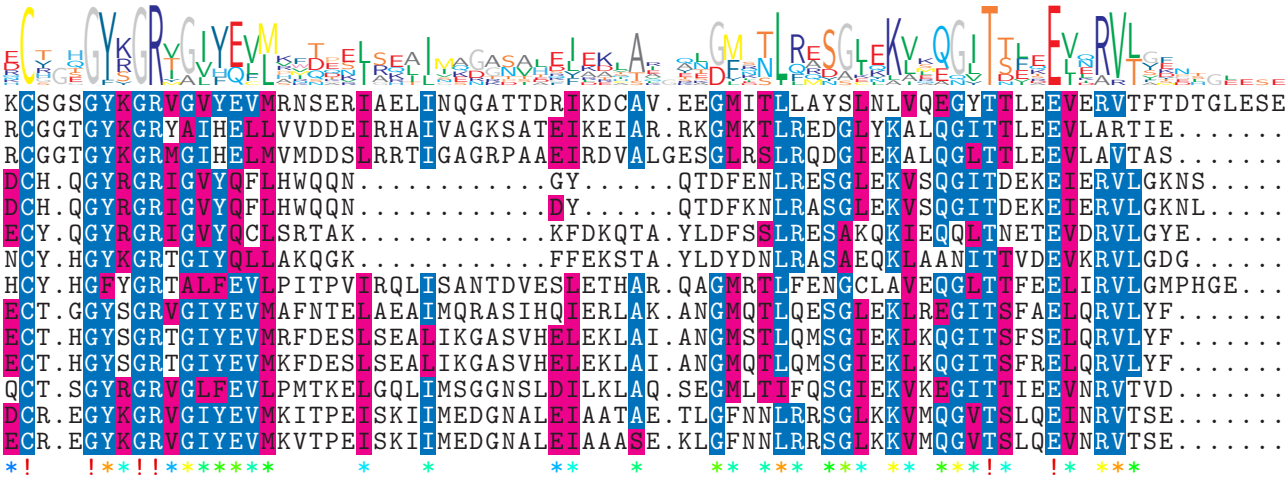
NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



559
817
814
408
408
401
401
386
491
490
490
503
499
499

logo

NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1366	NTHI RS01950 WP 011271972.1
NTDB id	1355	HI 0298 AAC21962.1
NTDB id	1384	A4U84 RS08525 WP 010787006.1
NTDB id	1468	ASU2 RS05090 WP 014991734.1
NTDB id	1436	BW25113 RS00530 WP 001025145.1
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	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



638
889
887
464
464
461
461
461
562
561
561
574
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MR	AK	RK	S	A	L	T	C	R	T	C	A	A	E	L	Q	Q	E	W	L	D	C	P	Y	C	M	T	S	R	F	S		672
NTDB id 1028 TT RS08215 WP 011173991.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	889
NTDB id 1306 DR RS10060 WP 027479822.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	887
NTDB id 1366 NTHI RS01950 WP 011271972.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	464
NTDB id 1355 HI 0298 AAC21962.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	464
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	461
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	461
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	461
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 1251 GC085 RS07725 WP 011946523.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	570
consensus																																	

-  non conserved
-  similar
-  ≥ 50% conserved