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NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAAGNFQVPMLDINCIDVGTI	80
NTDB id 1177 A1552VC RS01165 WP 000422572.1		0
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NTDB id 1019 ACIAD RS04205 WP 004922051.1		0
NTDB id 64702 AABK32 RS09400 WP 338389500.1		0
NTDB id 1448 BW25113 RS15320 WP 001326494.1	.....	0
NTDB id 1307 DR RS10055 WP 010888596.1	.....	0
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	0
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	0
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	0
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	0
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	0
NTDB id 1259 GC085 RS10305 WP 010947729.1	.....	0
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	0
NTDB id 1194 PA0395 NP 249086.1	.....	0
NTDB id 1020 ACIAD RS04210 WP 011182164.1	.....	0
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	0
NTDB id 1060 ABD1 RS04380 WP 000355489.1		0
NTDB id 1040 HON27 RS13360 WP 000355489.1		0
consensus		

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NTDB id 1251 GC085 RS07725 WP 011946523.1	PVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	160
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NTDB id 1307 DR RS10055 WP 010888596.1		0
NTDB id 1086 NMV RS00245 WP 002218487.1		0
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NTDB id 1185 GTF74 RS11940 WP 000350195.1		0
NTDB id 1176 A1552VC RS01160 WP 000350195.1		0
NTDB id 1283 ACE17W RS02630 WP 010947729.1		0
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NTDB id 1202 PSJM300 01600 AFN76400.1		0
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		0
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consensus		

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NTDB id 1251 GC085 RS07725 WP 011946523.1	DSGDLEGLEISADDEDQDIDTATSVTDDAPIVKFV	240
NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITV...GAPILYRVDGELRAQGEAL.SVA	44
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NTDB id 64702 AABK32 RS09400 WP 338389500.1	MNMEEIVALSVKHNVSDDLHLCS...AWPARWRIRGLMEA...APFDAP	42
NTDB id 1448 BW25113 RS15320 WP 001326494.1	MNMEEIVALSVKHNVSDDLHLCS...AWPARWRIRGRMEA...APFDTP	42
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITILAA...GLPPQFKLSGDYDAQGFEP LSAS	49
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSS...GISPMIRVHGDMMRRINLPMSAE	45
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSS...GISPMIRVHGDMMRRINLPMSAE	45
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSA...GVPPMVRIDGEVRKLGVPFTHS	45
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSA...GVPPMVRIDGEVRKLGVPFTHS	45
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHISA...GMPPMIRVDGDLRKINLPPLLEHK	45
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHISA...GMPPMIRVDGDLRKINLPPLLEHK	45
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSS...GLPPMIRVDGDVRRINLPAMDHK	45
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSA...GIPPMIRVDGEVRRINLPAMDHS	45
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALLEHK	45
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALLEHK	45
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALLEHK	45
consensus	*** ***** *!***** *****!***** ***	

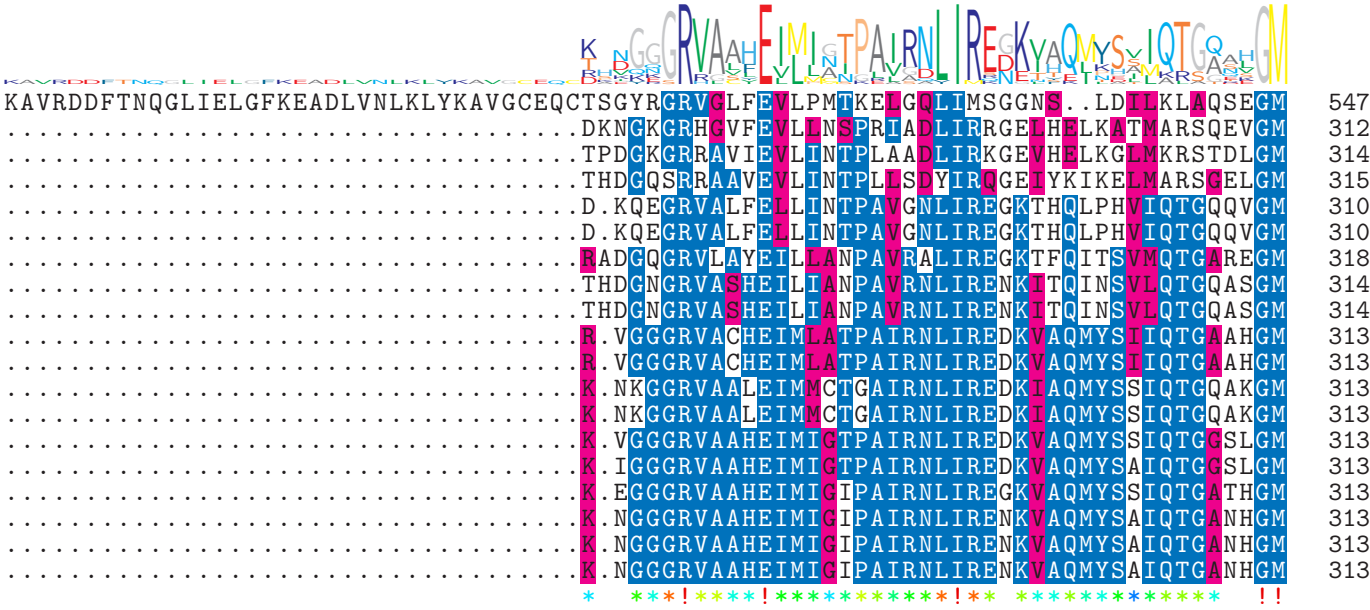
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NTDB id 1251 GC085 RS07725 WP 011946523.1	SRITARIKVMSNLDISERRIPQDGGFKMKISKSR.AIDFRVSTCPTSAGEKVVMRVLDSGAAKLGIEALGFNPVQRTNFL	319
NTDB id 1177 A1552VC RS01165 WP 000422572.1	DVTALIHAMMDARQAE..FKQTR EANFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIIP..TFEELKLP EV...LQ	114
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NTDB id 1019 ACIAD RS04205 WP 004922051.1	MIAQLIDSITTQKQRQE..FIETHECNFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIP..SPDDLHL PPI...LK	117
NTDB id 64702 AABK32 RS09400 WP 338389500.1	DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSAFEQRHGISLALRLLPSHCP..QLEQLGAPT V...LP	113
NTDB id 1448 BW25113 RS15320 WP 001326494.1	DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSAFAQRHGISLALRLLPSHCP..QLEQLGAPT V...LP	113
NTDB id 1307 DR RS10055 WP 010888596.1	DTRKLMYSMMNERQQRI..FEEKRELDDFSALGD..KARFRVNAFMQRGNVGGVMRLIPTTVR..TIAEMGLPQT...VI	120
NTDB id 1086 NMV RS00245 WP 002218487.1	EVGNMVTSMNDHQRKI..YQQNLEVDFS FELPN.VARFRVNAFNIGRGPAAVFRTIPSTVL..SLEELKAPSI...FQ	116
NTDB id 1116 NGFG RS10615 WP 003690200.1	EVGNMVTSMNDHQRKI..YQQNLEVDFS FELPN.VARFRVNAFNITGRGPAVFRTIPSTVL..SLEELKAPSI...FQ	116
NTDB id 1185 GTF74 RS11940 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVDFS FELPN.VGRFRVNAFHQARGCSAVFRTIPTVIP..TLEQLDAPEI...FS	116
NTDB id 1176 A1552VC RS01160 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVDFS FELPN.VGRFRVNAFHQARGCSAVFRTIPTVIP..TLEQLDAPEI...FS	116
NTDB id 1283 ACE17W RS02630 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIAN.LARFRVNAFNQSRGAAVFRTIPSEIL..SMEDLGLPPI...FK	116
NTDB id 1259 GC085 RS10305 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIAN.LARFRVNAFNQSRGAAVFRTIPSEIL..SMEDLGLPPI...FK	116
NTDB id 1202 PSJM300 01600 AFN76400.1	QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGMGEV...FR	116
NTDB id 1194 PA0395 NP 249086.1	QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGMGEV...FR	116
NTDB id 1020 ACIAD RS04210 WP 011182164.1	EVHNLIIYDIMNDKQR RD..YEEKLETDFSFEVPN.LARFRVNVFNQNRGAGAVFRTIPSKVL..TLEELGLGKI...FR	116
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	DVHRLVYDIMNDKQR RD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI...FK	116
NTDB id 1060 ABD1 RS04380 WP 000355489.1	DVHRLVYDIMNDKQR RD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI...FK	116
NTDB id 1040 HON27 RS13360 WP 000355489.1	DVHRLVYDIMNDKQR RD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI...FK	116
consensus	** ***** ***** *****!***** ** *****!***** ** ***** * *	

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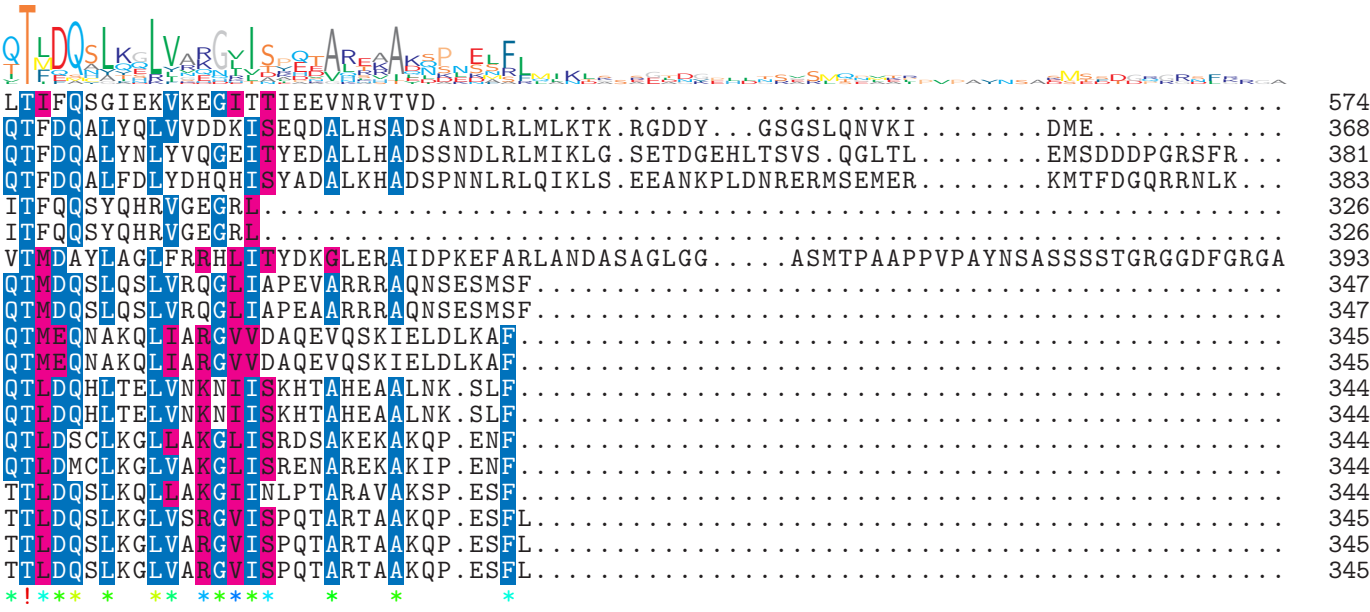
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NTDB id	64702	AABK32	RS09400	WP	338389500.1
NTDB id	1448	BW25113	RS15320	WP	001326494.1
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NTDB id	1086	NMV	RS00245	WP	002218487.1
NTDB id	1116	NGFG	RS10615	WP	003690200.1
NTDB id	1185	GTF74	RS11940	WP	000350195.1
NTDB id	1176	A1552VC	RS01160	WP	000350195.1
NTDB id	1283	ACE17W	RS02630	WP	010947729.1
NTDB id	1259	GC085	RS10305	WP	010947729.1
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NTDB id	1081	FDQ49	RS05335	WP	006581387.1
NTDB id	1060	ABD1	RS04380	WP	000355489.1
NTDB id	1040	HON27	RS13360	WP	000355489.1
consensus					



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NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	1177	A1552VC	RS01165	WP	000422572.1
NTDB id	1203	PSJM300	01605	AFN76401.1	
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NTDB id	64702	AABK32	RS09400	WP	338389500.1
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NTDB id	1202	PSJM300	01600	AFN76400.1	
NTDB id	1194	PA0395	NP	249086.1	
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NTDB id	1081	FDQ49	RS05335	WP	006581387.1
NTDB id	1060	ABD1	RS04380	WP	000355489.1
NTDB id	1040	HON27	RS13360	WP	000355489.1
consensus					



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NTDB id 1251 GC085 RS07725 WP 011946523.1		574
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NTDB id 1203 PSJM300 01605 AFN76401.1		381
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NTDB id 1448 BW25113 RS15320 WP 001326494.1		326
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NTDB id 1086 NMV RS00245 WP 002218487.1		347
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NTDB id 1202 PSJM300 01600 AFN76400.1		344
NTDB id 1194 PA0395 NP 249086.1		344
NTDB id 1020 ACIAD RS04210 WP 011182164.1		344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
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consensus		

 non conserved
 similar
 ≥ 50% conserved