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NTDB id 1251 GCO85 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAAGNFQVPMLDINCLDVSTI	80
NTDB id 1177 A1552VC RS01165 WP 000422572.1	.....	0
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	0
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	0
NTDB id 39641 ECOPMV1 RS07795 WP 001305314.1	.....	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 GCO85 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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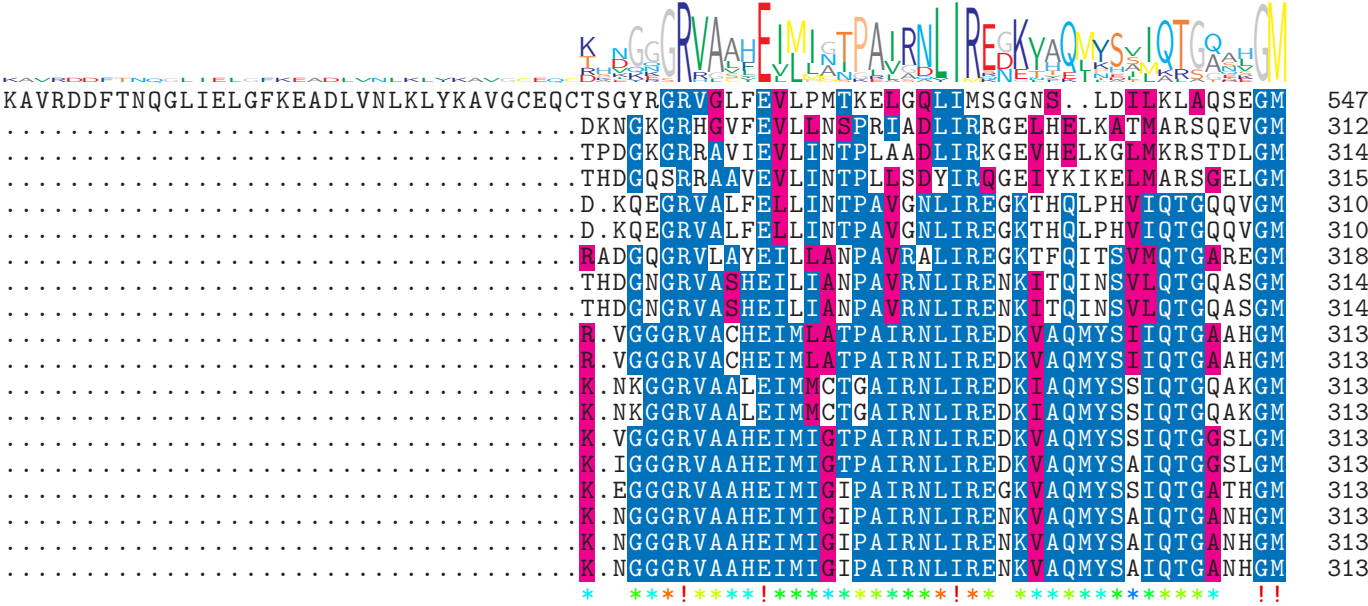
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NTDB id 1283 ACE17W RS02630 WP 010947729.1		0
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NTDB id 1020 ACIAD RS04210 WP 011182164.1		0
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		0
NTDB id 1040 HON27 RS13360 WP 000355489.1		0
consensus		

[illegible]

NTDB	id	1251	GC085	RS07725	WP	011946523.1	PDIIIMVGEIRDLETAEIAIKAAQTGHLVLSTLHTNSAAETLNRLVNMGIP...FNLIASSVTLLITAQRLARARKLCNQC	469
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	PDMLILIGEIRSRRETMEYAMTFAETGHLCMATLHANNANQALERIHLVPKEQREQFLLDLSNLNKGVIQAQQLLR.....	268
NTDB	id	1203	PSJM300	01605	AFN	76401.1	PDVILIGEVRTRETMHDHAVFAETGHLCLATLHANNANQALDRIINFFPADRQNQVWMDLSNLNKAIVAQQQLVP.....	270
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	PDRVILIGEIRSRREVMDYALFAETGHLVFATLHANNANQQLTERIFHHFDDADRHHQFIQFMDLSNLNKAVISQQLIP.....	271
NTDB	id	39641	ECOPMV1	RS07795	WP	001305314.1	PDRVILGELRDSETIRALTALTAETGHLVLATLHTRGAAQAVERLVDSFPAGEKDPVRNQLAGSLRAVLSQKLEV.....	267
NTDB	id	1448	BW25113	RS15320	WP	001326494.1	PDRVILGELRDSETIRALTALTAETGHLVLATLHTRGAAQAVERLVDSFPAGEKDPVRNQLAGSLRAVLSQKLEV.....	267
NTDB	id	1307	DR	RS10055	WP	01088596.1	PDRVILVGEMRDYEITIKAAVTAAETGHLVMGTLLHTNSAPESIDRIVDVFPPEEQQEQRVQLANNLVAVMTQQLLP.....	274
NTDB	id	1086	NMV	RS00245	WP	002218487.1	PDRVILVGEMRDPETIGLALTAETGHLVFGTLHTTGAAKTVDRIVDVFPAGEKEMVRSMLESSELTAVISQNLLK.....	270
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	PDRVILVGEMRDPETIGLALTAETGHLVFGTLHTTGAAKTVDRIVDVFPAGEKEMVRSMLESSELTAVISQNLLK.....	270
NTDB	id	1185	GTF74	RS11940	WP	000350195.1	PDRVILVGELRDQETTISLALTAETGHLVFGTLHTSSAAKTIDRIIDVFPGSDDKMVRSMLESSELRAVIAQKLLK.....	270
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	PDRVILVGELRDQETTISLALTAETGHLVFGTLHTSSAAKTIDRIIDVFPGSDDKMVRSMLESSELRAVIAQKLLK.....	270
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	PDIIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATTKTINRIIDVFPAAEEKSMVRSMLESSELQAVVAQSLLK.....	270
NTDB	id	1259	GC085	RS10305	WP	010947729.1	PDIIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATTKTINRIIDVFPAAEEKSMVRSMLESSELQAVVAQSLLK.....	270
NTDB	id	1202	PSJM300	01600	AFN	76400.1	PDIIILVGEMRDLETIRALTALTAETGHLVFGTLHTTSAAKTIDRVVDVFPAAEEKSMVRSMLESSELQAVISQTLKK.....	270
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NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	PDIIILVGEMRDLETIRALTALTAETGHLVFGTLHTTSAAKTIDRIIDVFPAAEEDMVRTMLSESSELQAVISQTLKK.....	270
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	PDIIILVGEMRDLETIRALTALTAETGHLVFGTLHTTSAAKTIDRVVIDVFPAAEEDMVRAMLSESSELQAVISQTLKK.....	270
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	PDIIILVGEMRDLETIRALTALTAETGHLVFGTLHTTSAAKTIDRVVIDVFPAAEEDMVRAMLSESSELQAVISQTLKK.....	270
NTDB	id	1040	HON27	RS13360	WP	000355489.1	PDIIILVGEMRDLETIRALTALTAETGHLVFGTLHTTSAAKTIDRVVIDVFPAAEEDMVRAMLSESSELQAVISQTLKK.....	270
consensus							!!**!*!***!***!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

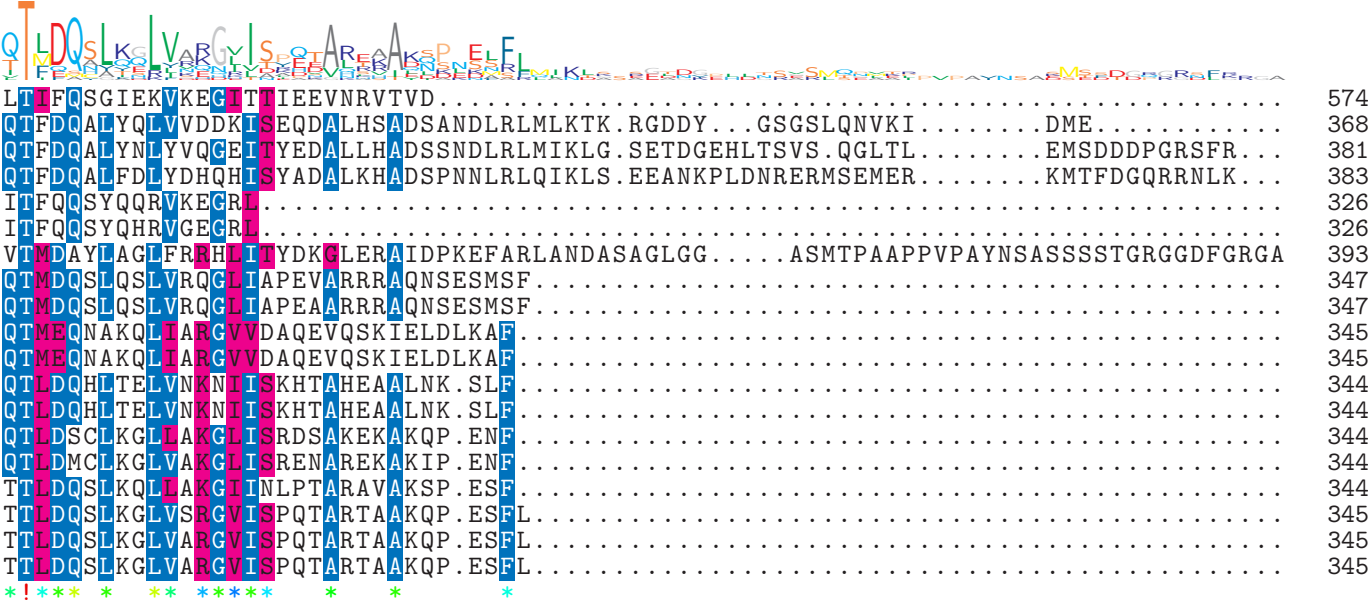
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NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1
NTDB	id	1203	PSJM300	01605	AFN	76401.1
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	39641	ECOPMV1	RS07795	WP	001305314.1
NTDB	id	1448	BW25113	RS15320	WP	001326494.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
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
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NTDB	id	1202	PSJM300	01600	AFN	76400.1
NTDB	id	1194	PA0395	NP	249086.1	
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1
NTDB	id	1060	ABD1	RS04380	WP	000355489.1
NTDB	id	1040	HON27	RS13360	WP	000355489.1
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NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	39641	ECOPMV1	RS07795	WP	001305314.1
NTDB	id	1448	BW25113	RS15320	WP	001326494.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
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
NTDB	id	1202	PSJM300	01600	AFN	76400.1
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NTDB	id	1081	FDQ49	RS05335	WP	006581387.1
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NTDB	id	1040	HON27	RS13360	WP	000355489.1
consensus						



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NTDB id 1251	GCO85	RS07725	WP 011946523.1		574
NTDB id 1177	A1552VC	RS01165	WP 000422572.1		368
NTDB id 1203	PSJM300	01605	AFN76401.1	.....	381
NTDB id 1019	ACIAD	RS04205	WP 004922051.1		383
NTDB id 39641	ECOPMV1	RS07795	WP 001305314.1		326
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NTDB id 1307	DR	RS10055	WP 010888596.1	AAPATPAAPAAAGRSEPGRAGGFGRR	418
NTDB id 1086	NMV	RS00245	WP 002218487.1		347
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NTDB id 1185	GTF74	RS11940	WP 000350195.1		345
NTDB id 1176	A1552VC	RS01160	WP 000350195.1		345
NTDB id 1283	ACE17W	RS02630	WP 010947729.1	.....	344
NTDB id 1259	GCO85	RS10305	WP 010947729.1	.....	344
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
NTDB id 1081	FDQ49	RS05335	WP 006581387.1	.....	345
NTDB id 1060	ABD1	RS04380	WP 000355489.1	.....	345
NTDB id 1040	HON27	RS13360	WP 000355489.1	.....	345
consensus					

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved