

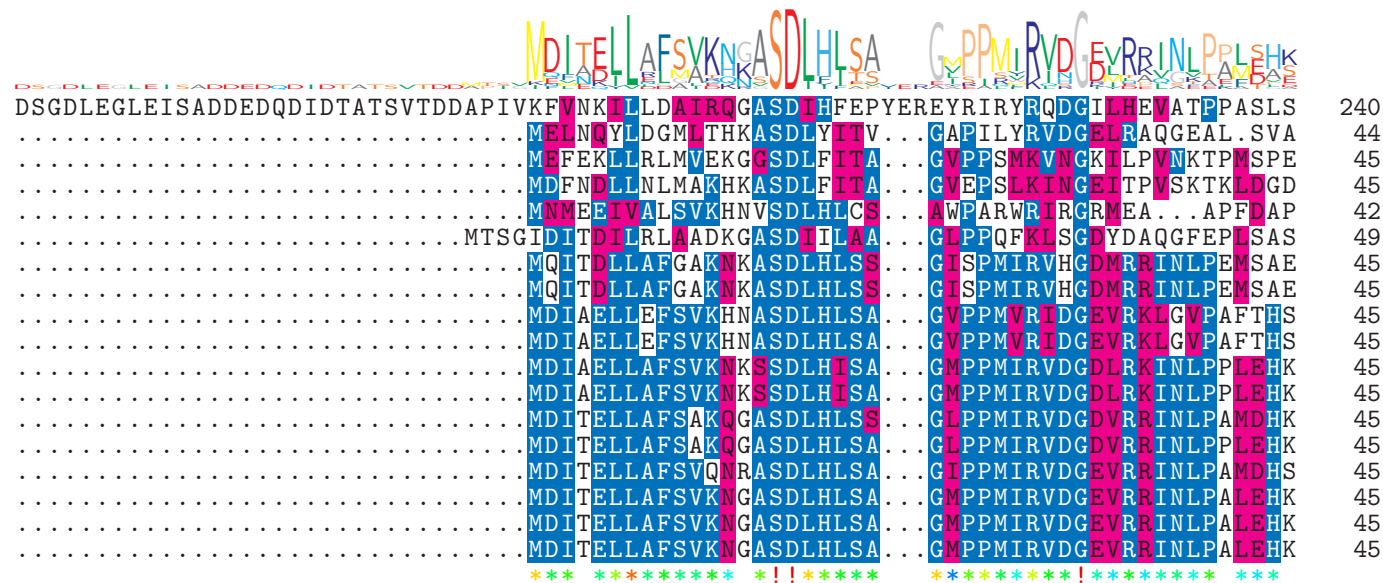
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NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAQNFQVPMLDINCLDVGTI	80
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NTDB id 22958 S RS16390 WP 001055626.1		0
NTDB id 1307 DR RS10055 WP 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 PAKAF RS01995 WP 003084552.1		0
NTDB id 1020 ACIAD RS04210 WP 011182164.1		0
NTDB id 1060 ABD1 RS04380 WP 000355489.1		0
NTDB id 1040 HON27 RS13360 WP 000355489.1		0
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		0
consensus		

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NTDB id 1086 NMV RS00245 WP 002218487.1		0
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NTDB id 1176 A1552VC RS01160 WP 000350195.1		0
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NTDB id 1259 GC085 RS10305 WP 010947729.1		0
NTDB id 1202 PSJM300 01600 AFN76400.1		0
NTDB id 1194 PAKAF RS01995 WP 003084552.1		0
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1		0
consensus		

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consensus



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consensus



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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
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NTDB id	1307	DR	RS10055	WP	010888596.1
NTDB id	1086	NMV	RS00245	WP	002218487.1
NTDB id	1116	NGFG	RS10615	WP	003690200.1
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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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consensus					

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.....DKNKGRHGVEVLNLSPRIADLIRRGELHELKATMARSQEVGM	312
.....TPDGKRRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLCGM	314
.....THDQSSRRAAVEVLINTPLLSDYIRQGEITYKIKELMARSQELGM	315
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.....RADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGM	318
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.....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM	313
.....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM	313
.....K.NKGG RVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM	313
.....K.NKGG RVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM	313
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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
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NTDB id	1081	FDQ49	RS05335	WP	006581387.1
consensus					

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QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL.....EMSDDD PGRSFR...	381
QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRERMSEMER.....KMTFDGQRRNLK...	383
LTFFQSYQQRVGEGRL.....	326
VTMDAYLAGLFRHHLITYDKGLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
QTMDQSLQSLVRQGLIAPEVARRRAQNSESMF.....	347
QTMDQSLQSLVRQGLIAPEAARRRAQNSESMF.....	347
QTMEQNAKQLIARGVVDQEVQSKI ELDLKA F.....	345
QTMEQNAKQLIARGVVDQEVQSKI ELDLKA F.....	345
QTLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
QTLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
QTLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
QTLDQSLKGLIAGKGLISRDSAKEKAKQP.ENF.....	344
QTLDQSLKGLIAGKGLISRDSAKEKAKQP.ENF.....	344
TTLDDQSLKQLIAGKGLINLPTARAVAKSP.ESF.....	344
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TTLDDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
TTLDDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
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NTDB id 1251 GC085 RS07725 WP 011946523.1		574
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved