

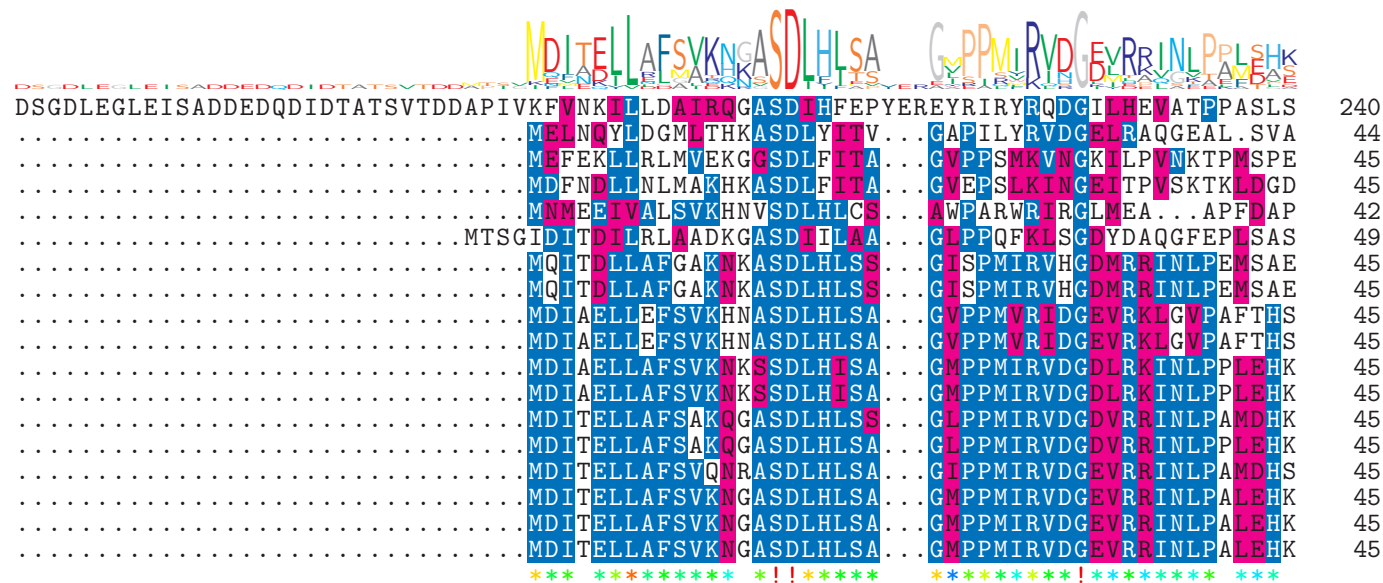
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NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAQNFQVPMLDINCLDVGTI	80
NTDB id 1177 A1552VC RS01165 WP 000422572.1		0
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NTDB id 276438 C6N23 RS08455 WP 001055618.1		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
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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 1251 GC085 RS07725 WP 011946523.1	PVNLVNEKLIKRIHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	160
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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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NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17V RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
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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
NTDB id	276438	C6N23	RS08455	WP	001055618.1
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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
consensus					

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.....DKNKGRHGVEVLNSPRIADLIRRGELHELKATMARSQEVGM	312
.....TPDGKRRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLCGM	314
.....THDQSSRRAAVEVLINTPLLSDYIRQGEITYKIKELMARSQELGM	315
.....D.KQECRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM	310
.....RADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGM	318
.....THDGNGRVASHEILIANPAVRNLIRENKITTQINSVLQTGQASGM	314
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.....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM	313
.....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM	313
.....K.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM	313
.....K.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM	313
.....K.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGCSLGM	313
.....K.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGCSLGM	313
.....K.EGGGRVAAHEIMIGTPAIRNLIREGKVAQMYSIIQTGATHGM	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	1040	HON27	RS13360	WP	000355489.1
NTDB id	1081	FDQ49	RS05335	WP	006581387.1
consensus					

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QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRERMSEMER.....KMTFDGQRRNLK...	383
LTFFQSYQQRVGEGRL.....	326
VTMDAYLAGLFRHHLITYDKGLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
QTMDDQLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
QTMDDQLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
QTMENAKQLIARGVVDAQEVQSKIELDLKAF.....	345
QTMENAKQLIARGVVDAQEVQSKIELDLKAF.....	345
QTLDDHLTELNVKNIIISKHTAHEAALNK.SLF.....	344
QTLDDHLTELNVKNIIISKHTAHEAALNK.SLF.....	344
QTLDSCLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
QTLDMCLKGLIAKGLISRAREKAKIP.ENF.....	344
TTLDDQLKQLIAKGIINLPTARAVAKSP.ESF.....	344
TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
TTLDDQLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
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NTDB id 1251 GC085 RS07725 WP 011946523.1		574
NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
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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