

logo

NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAAGNFQVPMLDINCIDVGTI	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 23022 APEC01 RS16715 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 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 1116 NGFG RS10615 WP 003690200.1		0
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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
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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	DSGDLGLEISADDEDQDIDTATSVTDDAPIVKFV	240
NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITV...GAPILYRV	44
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NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMMAKHKASDLFITA...GVEPSLKI	45
NTDB id 23022 APEC01 RS16715 WP 001305314.1	MNMEEIVALSVKHNVSDLHLCS...AWPARWRIR	42
NTDB id 1448 BW25113 RS15320 WP 001326494.1	MNMEEIVALSVKHNVSDLHLCS...AWPARWRIR	42
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDTILAA...GLPPQFK	49
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSS...GISPMIRVH	45
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSS...GISPMIRVH	45
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSA...GVPPMVRID	45
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSA...GVPPMVRID	45
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHISA...GMPPMIRVD	45
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHISA...GMPPMIRVD	45
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFAKQKASDLHLSS...GLPPMIRVDG	45
NTDB id 1194 PA0395 NP 249086.1	MDITELLAFAKQKASDLHLSA...GLPPMIRVDG	45
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSA...GIPPMIRVDG	45
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNKASDLHLSA...GMPPMIRVDG	45
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNKASDLHLSA...GMPPMIRVDG	45
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNKASDLHLSA...GMPPMIRVDG	45
consensus	*** ***** *!***** *****!***** ***	

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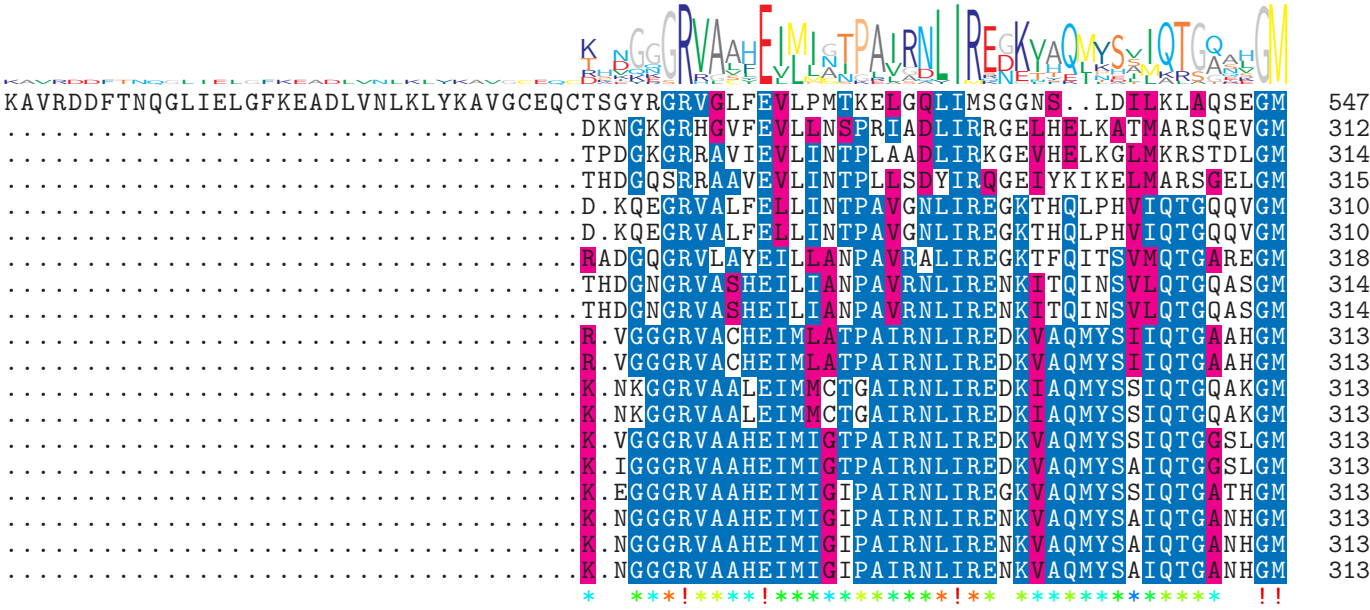
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NTDB id 1203 PSJM300 01605 AFN76401.1	MTRETVHGVNMNEQQRRE..FTENHECNFAISARG.TGRFRVSAFYQRNLAGMVLRR	116
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MIAQLIDSITTQKQRQE..FIETHECNFAILNREKNERFRVSAFQQRDMPGMVIRRIE	117
NTDB id 23022 APEC01 RS16715 WP 001305314.1	DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSFAFAQRQGISLALRL	113
NTDB id 1448 BW25113 RS15320 WP 001326494.1	DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSFAFAQRHGISLALRL	113
NTDB id 1307 DR RS10055 WP 010888596.1	DTRKLMYSMMNERQQRRI..FEEKRELDDFSALGD..KARFRVNAFMQRGNVGGVM	120
NTDB id 1086 NMV RS00245 WP 002218487.1	EVGNMVTSMNDHQRKI..YQQNLEVDFSFEIPN.VARFRVNAFNIGRGPAAVFRTIP	116
NTDB id 1116 NGFG RS10615 WP 003690200.1	EVGNMVTSMNDHQRKI..YQQNLEVDFSFEIPN.VARFRVNAFNIGRGPAAVFRTIP	116
NTDB id 1185 GTF74 RS11940 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVDFSFEIPN.VGRFRVNAFHQARGCSAVFRTIP	116
NTDB id 1176 A1552VC RS01160 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVDFSFEIPN.VGRFRVNAFHQARGCSAVFRTIP	116
NTDB id 1283 ACE17W RS02630 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIPN.LARFRVNAFNQSRGAAVFRTIP	116
NTDB id 1259 GC085 RS10305 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIPN.LARFRVNAFNQSRGAAVFRTIP	116
NTDB id 1202 PSJM300 01600 AFN76400.1	QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP	116
NTDB id 1194 PA0395 NP 249086.1	QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP	116
NTDB id 1020 ACIAD RS04210 WP 011182164.1	EVHNLIIYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNVFNQNRGAGAVFRTIP	116
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP	116
NTDB id 1060 ABD1 RS04380 WP 000355489.1	DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP	116
NTDB id 1040 HON27 RS13360 WP 000355489.1	DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP	116
consensus	** ***** **** * ***** *****!***** ** *****!***** ** ***** *	

[illegible]

NTDB	id	1251	GC085	RS07725	WP	011946523.1	PDIIIMVGEIRDLETAETIAIKAAQTGHLVLS	TLHTNSAAETLNRLVNMGIPT.....FN	IASSVTLITIAQRRLARKLCNQC	469																																																												
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	PDMILIGEIRSR	ETMEYAMTFAETGHL	CMATLHANNANQALERILHLVPKEQREQFLLD	LSLNLKGVI	AAQQLLR.....	268																																																										
NTDB	id	1203	PSJM300	01605	AFN	76401.1	PDVILIGEVR	TRETM	MDHAVAF	AETGHLCL	ATLHANNANQALDRI	INFFPADRQNV	WMDLSLNLKAT	IVAQQVLP.....	270																																																							
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	PDVILIGEIRSR	EVMDYAL	AF	AETGHLV	FATLHANNANQ	TLERIIHFFD	ADRHNQIF	MDLSLNLKAVIS	QQLIP.....	271																																																						
NTDB	id	23022	APEC01	RS16715	WP	001305314.1	PDVILLGEL	RDS	ETIRL	ALTA	AETGHLV	LATLHTRG	AAQ	AV	ERLVDS	SFPAQEKDP	VRNQLAGSLRAV	LSQKLEV.....	267																																																			
NTDB	id	1448	BW25113	RS15320	WP	001326494.1	PDVILLGEL	RDS	ETIRL	ALTA	AETGHLV	LATLHTRG	AAQ	AV	ERLVDS	SFPAQEKDP	VRNQLAGSLRAV	LSQKLEV.....	267																																																			
NTDB	id	1307	DR	RS10055	WP	01088596.1	PDVILVGEM	R	DYETI	KA	AVTAA	ETGHLV	MGT	LHTNS	APES	SIDR	IVDV	VFPEEQ	QEQIRV	QLANN	L	VAVMT	QQLLP.....	274																																														
NTDB	id	1086	NMV	RS00245	WP	002218487.1	PDVILVGEM	R	DPE	TIG	L	ALTA	A	ETGHLV	F	GT	LHTTGA	AKT	V	DRI	V	DV	FPAGE	K	EMVRS	M	L	S	E	S	L	RAV	I	S	Q	N	L	L	K.....	270																														
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	PDVILVGEM	R	DPE	TIG	L	ALTA	A	ETGHLV	F	GT	LHTTGA	AKT	V	DRI	V	DV	FPAGE	K	EMVRS	M	L	S	E	S	L	RAV	I	S	Q	N	L	L	K.....	270																														
NTDB	id	1185	GTFF74	RS11940	WP	000350195.1	PDVILVGEL	R	DQET	I	S	L	ALTA	A	ETGHLV	F	GT	LHTSS	A	A	K	T	I	D	R	I	D	V	F	P	G	S	D	K	D	M	V	R	S	M	L	S	E	S	L	R	A	V	I	A	Q	K	L	L	K.....	270														
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NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	PDIIILVGEL	R	DLE	T	I	R	L	A	M	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	N	S	A	T	K	T	I	N	R	I	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	V	A	Q	S	L	L	K.....	270
NTDB	id	1259	GC085	RS10305	WP	010947729.1	PDIIILVGEL	R	DLE	T	I	R	L	A	M	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	N	S	A	T	K	T	I	N	R	I	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	V	A	Q	S	L	L	K.....	270
NTDB	id	1202	PSJM300	01600	AFN	76400.1	PDIIILVGEM	R	DLE	T	I	R	L	A	M	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	N	S	A	A	K	T	I	D	R	V	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K.....	270
NTDB	id	1194	PA0395	NP	249086.1	PDIIILVGEM	R	DLE	T	I	R	L	A	M	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	N	S	A	A	K	T	I	D	R	V	D	V	F	P	A	E	E	K	A	M	V	R	S	M	L	S	E	S	L	Q	S	V	I	S	Q	T	L	L	K.....	270	
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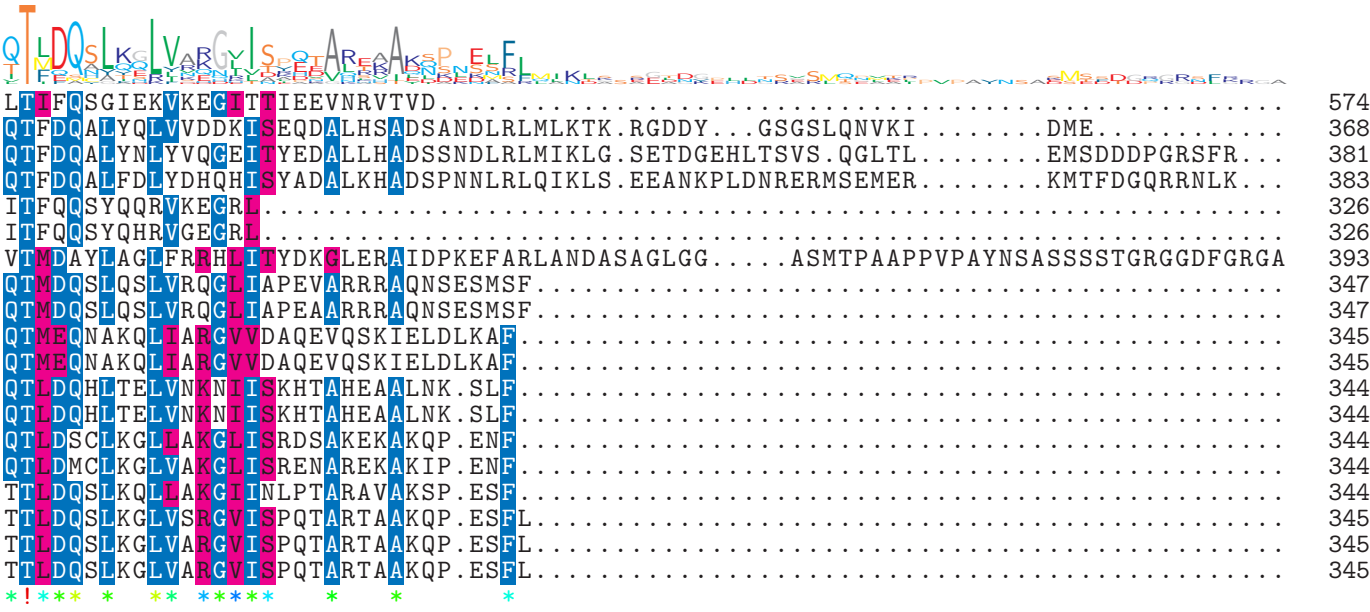
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NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	1177	A1552VC	RS01165	WP	000422572.1
NTDB id	1203	PSJM300	01605	AFN76401.1	
NTDB id	1019	ACIAD	RS04205	WP	004922051.1
NTDB id	23022	APEC01	RS16715	WP	001305314.1
NTDB id	1448	BW25113	RS15320	WP	001326494.1
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	AFN76400.1	
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
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	
NTDB id	1019	ACIAD	RS04205	WP	004922051.1
NTDB id	23022	APEC01	RS16715	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	AFN76400.1	
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
consensus					



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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
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 23022 APEC01 RS16715 WP 001305314.1	.....	326
NTDB id 1448 BW25113 RS15320 WP 001326494.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	AAPATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1		347
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NTDB id 1176 A1552VC RS01160 WP 000350195.1		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
NTDB id 1259 GC085 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