

logo

NTDB id 1251 GCO85 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAAGNFQVPMLEINCLDVETI	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 981241 AAGG04 RS22205 WP 001443100.1	.....	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 PAKAF RS01995 WP 003084552.1	.....	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 GCO85 RS07725 WP 011946523.1	PVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	160
NTDB id 1177 A1552VC RS01165 WP 000422572.1		0
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NTDB id 1019 ACIAD RS04205 WP 004922051.1		0
NTDB id 981241 AAGG04 RS22205 WP 001443100.1		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 PAKAF RS01995 WP 003084552.1	.....	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	DSGDLEGLEISADDEDQDIDTATSVTDDAPIVKFV	NDITELLAFSVKNGASDLHL	SA	240
NTDB id 1177	A1552VC RS01165 WP 000422572.1	.....	MELNQYLDGMLTHKASDLYITV...	GAPILYRVDCGLRAQGEAL.SVA	44
NTDB id 1203	PSJM300 01605 AFN76401.1	.....	MEFEKLLRLMVEKGCSDLFITA...	GVPPSMKVNGKILPVNKTPTMSPE	45
NTDB id 1019	ACIAD RS04205 WP 004922051.1	.....	MDFNDDLNLMAKHKASDLFITA...	CVEPSLKINGEITPVSKTKLDGD	45
NTDB id 981241	AAGG04 RS22205 WP 001443100.1	.....	MMEEIVALS SVKHNVSDLHLCS...	AWPARWRIRGRMEA...APFDAP	42
NTDB id 1307	DR RS10055 WP 010888596.1	.....	MTSGIDITDILRLAADKGASDILAA...	CLPPQFKLSGYDAQGFEPLSAS	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...	GVPPMVRIDGVRKIGVPAFTHS	45
NTDB id 1176	A1552VC RS01160 WP 000350195.1	.....	MDIAELLEFSVKHNASDLHLSA...	GVPPMVRIDGVRKIGVPAFTHS	45
NTDB id 1283	ACE17W RS02630 WP 010947729.1	.....	MDIAELLAFSVKNKSSDLHLISA...	GVPPMIRVDCGLRKINLPPLEHK	45
NTDB id 1259	GC085 RS10305 WP 010947729.1	.....	MDIAELLAFSVKNKSSDLHLISA...	GVPPMIRVDCGLRKINLPPLEHK	45
NTDB id 1202	PSJM300 01600 AFN76400.1	.....	MDITELLAFSAKKGASDLHLSS...	GVPPMIRVDCGVRRINLPAMDHK	45
NTDB id 1194	PAKAF RS01995 WP 003084552.1	.....	MDITELLAFSAKKGASDLHLSA...	GVPPMIRVDCGVRRINLPPLEHK	45
NTDB id 1020	ACIAD RS04210 WP 011182164.1	.....	MDITELLAFSVQNRASDLHLSA...	GVPPMIRVDCGVRRINLPAMDHS	45
NTDB id 1081	FDQ49 RS05335 WP 006581387.1	.....	MDITELLAFSVKNKASDLHLSA...	GVPPMIRVDCGVRRINLPALCHK	45
NTDB id 1060	ABD1 RS04380 WP 000355489.1	.....	MDITELLAFSVKNKASDLHLSA...	GVPPMIRVDCGVRRINLPALCHK	45
NTDB id 1040	HON27 RS13360 WP 000355489.1		MDITELLAFSVKNKASDLHLSA...	GVPPMIRVDCGVRRINLPALCHK	45
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NTDB id 1251	GC085 RS07725 WP 011946523.1	SRITARIKVMNSLDISERRIPDGGGFKMKISKSR.AIDFRVSTCPTSA	GEKVVMRV	LD	SGAAKLG	TEALGFNPV	QRTN	FL	319	
NTDB id 1177	A1552VC RS01165 WP 000422572.1	DVTALTHAMMDARQAE..FKQTR	EANFAVVRD..SCRFRVSAFFQRELP	GAVIRRIETRIIP..TFEELKLPEV....LQ	114					
NTDB id 1203	PSJM300 01605 AFN76401.1	MTRETIVHGMNEQQRRRE..FTENHECNFAISARG.	ICRFRVSAFYQRNLACGMVLRRIETINIP..TIEDLKLDPDV....LK	116						
NTDB id 1019	ACIAD RS04205 WP 004922051.1	MIAQLIDSITTQKQRQE..FIETHECNFAILNREKNERFRVSAFQ	QRDMPCGMVIRRIETKIP..SPDDLHLPPPI....LK	117						
NTDB id 981241	AAGG04 RS22205 WP 001443100.1	DVEELLREWLDDQRAI..LLENGQLDFAVSLAE.NQRIRGS	AFARQQGISLALRLPSHCP..QLEQLGAPPV....LP	113						
NTDB id 1307	DR RS10055 WP 010888596.1	DTRKLMYSMMNERQQHI..FEEKRELD	FSFALGD..KARFRVNAFMQRGNVCGVMRLIPTTVR..TIAEMGLPQT....VI	120						
NTDB id 1086	NMV RS00245 WP 002218487.1	EVGNMVTSMNDHQRKI..YQQNLEVD	FSFELPN..VARFRVNAFNIGRGPAAVFR	TIPSTVL..SLEELKAPSI....FQ	116					
NTDB id 1116	NGFG RS10615 WP 003690200.1	EVGNMVTSMNDHQRKI..YQQNLEVD	FSFELPN..VARFRVNAFNTGRGPA	AVFR	TIPSTVL..SLEELKAPSI....FQ	116				
NTDB id 1185	GTF74 RS11940 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVD	FSFELPN..VGRFRVNAFHQARGCS	AVFR	TIPSTVL..TLEQLDAPEI....FS	116				
NTDB id 1176	A1552VC RS01160 WP 000350195.1	DVHRLIFEIMNDAQRSE..YEEKLEVD	FSFELPN..VGRFRVNAFHQARGCS	AVFR	TIPSTVL..TLEQLDAPEI....FS	116				
NTDB id 1283	ACE17W RS02630 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFET	DFSFEIAN..LARFRVNAFNQSRGAA	AVFR	TIPSEIL..SMEDLGLPPI....FK	116				
NTDB id 1259	GC085 RS10305 WP 010947729.1	DVIKIIYDIMNDRQRKE..YEEFFET	DFSFEIAN..LARFRVNAFNQSRGAA	AVFR	TIPSEIL..SMEDLGLPPI....FK	116				
NTDB id 1202	PSJM300 01600 AFN76400.1	QVHALIYDIMNDKQRKD..FEEFLET	DFSFEVPG..VARFRVNAFNQNRGAG	AVFR	TIPSKVL..TMEDLCMGEV....FR	116				
NTDB id 1194	PAKAF RS01995 WP 003084552.1	QVHALIYDIMNDKQRKD..FEEFLET	DFSFEVPG..VARFRVNAFNQNRGAG	AVFR	TIPSKVL..TMEDLCMGEV....FR	116				
NTDB id 1020	ACIAD RS04210 WP 011182164.1	EVHNLIIYDIMNDKQRD..YEEKLET	DFSFEVPN..LARFRVNFVFNQNRGAG	AVFR	TIPSQVL..TLEELGIGKI....FR	116				
NTDB id 1081	FDQ49 RS05335 WP 006581387.1	DVHRLVYDIMNDKQRD..YEEKLET	DFSFEVPN..VARFRVNAFNQNRGAG	AVFR	TIPSKVL..TMEDLGLGQI....FK	116				
NTDB id 1060	ABD1 RS04380 WP 000355489.1	DVHRLVYDIMNDKQRD..YEEKLET	DFSFEVPN..VARFRVNAFNQNRGAG	AVFR	TIPSKVL..TMEDLGLGQI....FK	116				
NTDB id 1040	HON27 RS13360 WP 000355489.1	DVHRLVYDIMNDKQRD..YEEKLET	DFSFEVPN..VARFRVNAFNQNRGAG	AVFR	TIPSKVL..TMEDLGLGQI....FK	116				
consensus		**	*****	***	*****	***	*****	***	*****	***

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NTDB id 1251 GCO85 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 981241 AAGG04 RS22205 WP 001443100.1
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 GCO85 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
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 1251	GC085 RS07725 WP 011946523.1	KAVRDDFTNQGLIELGFKEADLVNLKLYKAVGCEQCTSGYRGRVCLFVLPMTKEIGQLIMSGGNS..LDIILKLAQSEGM	547
NTDB id 1177	A1552VC RS01165 WP 000422572.1	DKNKGKRHCVFVLLNSPRIADLIRGEIHELKATMARSQEVGM	312
NTDB id 1203	PSJM300 01605 AFN76401.1	TPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGM	314
NTDB id 1019	ACIAD RS04205 WP 004922051.1	THDCQSRRAAVEVLINTPLISDYIRQGEIYKIKELMARSDELGM	315
NTDB id 981241	AAGG04 RS22205 WP 001443100.1	D.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM	310
NTDB id 1307	DR RS10055 WP 010888596.1	HADGQGRVLAYEILLANPAVRALIREGKTFQITSVMTGAREGM	318
NTDB id 1086	NMV RS00245 WP 002218487.1	THDCNGRVASHEILLIANPAVRNLIRENKITQINSVLQTGQASGM	314
NTDB id 1116	NGFG RS10615 WP 003690200.1	THDCNGRVASHEILLIANPAVRNLIRENKITQINSVLQTGQASGM	314
NTDB id 1185	GTF74 RS11940 WP 000350195.1	R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSTIQTGAHGM	313
NTDB id 1176	A1552VC RS01160 WP 000350195.1	R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSTIQTGAHGM	313
NTDB id 1283	ACE17W RS02630 WP 010947729.1	K.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSTIQTGQAKGM	313
NTDB id 1259	GC085 RS10305 WP 010947729.1	K.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSTIQTGQAKGM	313
NTDB id 1202	PSJM300 01600 AFN76400.1	K.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSTIQTGCSLGM	313
NTDB id 1194	PAKAF RS01995 WP 003084552.1	K.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGCSLGM	313
NTDB id 1020	ACIAD RS04210 WP 011182164.1	K.EGGGRVAAHEIMIGTPAIRNLIREGKVAQMYSTIQTGATHGM	313
NTDB id 1081	FDQ49 RS05335 WP 006581387.1	K.NGGGRVAAHEIMIGTPAIRNLIRENKVAQMYSAIQTGANHGM	313
NTDB id 1060	ABD1 RS04380 WP 000355489.1	K.NGGGRVAAHEIMIGTPAIRNLIRENKVAQMYSAIQTGANHGM	313
NTDB id 1040	HON27 RS13360 WP 000355489.1	K.NGGGRVAAHEIMIGTPAIRNLIRENKVAQMYSAIQTGANHGM	313
consensus		* **!*!!!!!!*****!!** ***** ***** !!	

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NTDB id 1251	GC085 RS07725 WP 011946523.1	LTIFQSGIEKVKEGITTIEEVNRVTVD.....	574
NTDB id 1177	A1552VC RS01165 WP 000422572.1	QTFDQALYQLVDDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203	PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019	ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 981241	AAGG04 RS22205 WP 001443100.1	ITFQQSYQQRVKEGRL.....	326
NTDB id 1307	DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITYDKCLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
NTDB id 1086	NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116	NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185	GTF74 RS11940 WP 000350195.1	QTIMEQNAKQLIARGVVDAAQEVQSKIELDLKAF.....	345
NTDB id 1176	A1552VC RS01160 WP 000350195.1	QTIMEQNAKQLIARGVVDAAQEVQSKIELDLKAF.....	345
NTDB id 1283	ACE17W RS02630 WP 010947729.1	QTLDQHLTELNVKNNTISKHTAHEAALNK.SLF.....	344
NTDB id 1259	GC085 RS10305 WP 010947729.1	QTLDQHLTELNVKNNTISKHTAHEAALNK.SLF.....	344
NTDB id 1202	PSJM300 01600 AFN76400.1	QTLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194	PAKAF RS01995 WP 003084552.1	QTLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1020	ACIAD RS04210 WP 011182164.1	TTLDDQSLKQLIAKGLINLPTARAVAKSP.ESF.....	344
NTDB id 1081	FDQ49 RS05335 WP 006581387.1	TTLDDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060	ABD1 RS04380 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040	HON27 RS13360 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus		*!*** * ** ***** * *	

logo

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 981241 AAGG04 RS22205 WP 001443100.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	AAPATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
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 GC085 RS10305 WP 010947729.1		344
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NTDB id 1194 PAKAF RS01995 WP 003084552.1		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