

NTDB id	Accession	Species	Gene	Protein	Consensus
1306	DR RS10060	WP 027479822.1	MALSI	CDRRRLCAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	80
1168	A1552VC RS11070	WP 000957200.1	.....	.....	0
1293	VP RS12240	WP 005479695.1	.....	.....	0
1401	DSB67 RS12665	WP 010643259.1	.....	.....	0
1110	NGFG RS09235	WP 003689817.1	.....	.....	0
1251	GCO85 RS07725	WP 011946523.1	.....	.....	0
306951	BRN51 RS07475	WP 011408072.1	.....	.....	0
1058	ABD1 RS01615	WP 001274986.1	.....	.....	0
1018	ACIAD RS01685	WP 004920473.1	.....	.....	0
consensus					

NTDB id	Accession	Species	Protein	Sequence	Length
NTDB id 1306	DR	RS10060	WP_027479822.1	SIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	160
NTDB id 1168	A1552VC	RS11070	WP_000957200.1	.....	0
NTDB id 1293	VP	RS12240	WP_005479695.1	.....	0
NTDB id 1401	DSB67	RS12665	WP_010643259.1	.....	0
NTDB id 1110	NGFG	RS09235	WP_003689817.1	.....	0
NTDB id 1251	GC085	RS07725	WP_011946523.1	.....	0
NTDB id 306951	BRN51	RS07475	WP_011408072.1	.....	0
NTDB id 1058	ABD1	RS01615	WP_001274986.1	.....	0
NTDB id 1018	ACIAD	RS01685	WP_004920473.1	.....	0
consensus					

NTDB id	Accession	Species	Gene	Protein	Consensus
1306	DR	RS10060	WP_027479822.1	GRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	240
1168	A1552VC	RS11070	WP_000957200.1	.....	0
1293	VP	RS12240	WP_005479695.1	.....	0
1401	DSB67	RS12665	WP_010643259.1	.....	0
1110	NGFG	RS09235	WP_003689817.1	.....	0
1251	GC085	RS07725	WP_011946523.1	.....	0
306951	BRN51	RS07475	WP_011408072.1	.....	0
1058	ABD1	RS01615	WP_001274986.1	.....	0
1018	ACIAD	RS01685	WP_004920473.1	.....	0
consensus					

	NTDB	id	Accession	WP	Protein	Sequence	Length
	NTDB	id 1306	DR	RS10060	WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR	320
	NTDB	id 1168	A1552VC	RS11070	WP 000957200.1	MLTNLVAITLRQAEILSATQ.	19
	NTDB	id 1293	VP	RS12240	WP 005479695.1	MHSNLTSTILRQKGLITFSQ.	19
	NTDB	id 1401	DSB67	RS12665	WP 010643259.1	MLTNLSTVLRQAGILITFSQ.	19
	NTDB	id 1110	NGFG	RS09235	WP 003689817.1	MSVGLLRITLVQNQVVTVEQ.	19
	NTDB	id 1251	GC085	RS07725	WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTK.	27
	NTDB	id 306951	BRN51	RS07475	WP 011408072.1	MNSVSTTNLVGITGIARRLVQDGALEETIA.	29
	NTDB	id 1058	ABD1	RS01615	WP 001274986.1	MS..ALHTSPKFTGFFRRLVEEKHVSAAAT.	27
	NTDB	id 1018	ACIAD	RS01685	WP 004920473.1	MS..AFTTPPKFSGFIRRLVEEGYVNAQN.	27
	consensus					*** !***** *	

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NTDB id 1306 DR RS10060 WP 027479822.1	REALQVQAREGKVKPLGEVITELGFASPD	400
NTDB id 1168 A1552VC RS11070 WP 000957200.1	REALQVQAREGKVKPLGEVITELGFASPD	69
NTDB id 1293 VP RS12240 WP 005479695.1	EQAVVTQVSASGTSVPEALL	69
NTDB id 1401 DSB67 RS12665 WP 010643259.1	EESLIEQVKASGISMPEALL	69
NTDB id 1110 NGFG RS09235 WP 003689817.1	AEHYYNESQA.GKEVLPMLFSDGVI	68
NTDB id 1251 GC085 RS07725 WP 011946523.1	AIELHKLAAAEKISLLQYIV	77
NTDB id 306951 BRN51 RS07475 WP 011408072.1	ARTAMEQAAAAKVPLPQWFAENRL	79
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MQTALDAAKRAKQDVTAYLIE	77
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MQQALEKAKKFQDITVPVLI	77
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIP	480
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ANLCQQLGLRELITRYDALPIAK	149
NTDB id 1293 VP RS12240 WP 005479695.1	ASLCQQLGLRELITRHNALPLH	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ASLCQTGLGLRDLITRHNALPLN	149
NTDB id 1110 NGFG RS09235 WP 003689817.1	HRVLMGVLTEEQMV	148
NTDB id 1251 GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIK	157
NTDB id 306951 BRN51 RS07475 WP 011408072.1	NQNAVKL	159
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SQIPKDLVDQKLILK	157
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ALFLKDKID	157
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	ELA.....ERNKTQSSQ	547
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GKEISQDELANLVK...VSDDELQSI	225
NTDB id 1293 VP RS12240 WP 005479695.1	LKEINQEELASLVD...VGAD	225
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKEINQDELAGLVD...IGED	225
NTDB id 1110 NGFG RS09235 WP 003689817.1	GEGQ.E.....EESHTLYI	215
NTDB id 1251 GC085 RS07725 WP 011946523.1	YVEDSGDLEGLEISADD...EDQ	234
NTDB id 306951 BRN51 RS07475 WP 011408072.1	GNDD.EEMGDLDVSTGDEDMGAGG	238
NTDB id 1058 ABD1 RS01615 WP 001274986.1	EE.FDLDVN...LDGPTAQ	229
NTDB id 1018 ACIAD RS01685 WP 004920473.1	EE.LDLDVE...VDPHTTDD	229
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	FPGKAAQQIMARLKT	625
NTDB id 1168 A1552VC RS11070 WP 000957200.1	PASHLSRRLAARIKILSKLDIA	304
NTDB id 1293 VP RS12240 WP 005479695.1	PPNHLSRRLSARIKILSKLDIA	304
NTDB id 1401 DSB67 RS12665 WP 010643259.1	PPSHLSRRLSARIKILSKLDIA	304
NTDB id 1110 NGFG RS09235 WP 003689817.1	PPIAVRGQLASRIKIVMSRLDI	295
NTDB id 1251 GC085 RS07725 WP 011946523.1	PPASLSSRITARIKIVMSNLDI	313
NTDB id 306951 BRN51 RS07475 WP 011408072.1	APVKLSQRIAAARIKIVMSQLD	317
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PPLQLANRLASRLKVMSQMDI	308
NTDB id 1018 ACIAD RS01685 WP 004920473.1	PPLQLATRLASRLKVMSQMDI	308
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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consensus

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



 non conserved
 similar
 $\geq 50\%$ conserved