

NTDB id	Accession	Sequence	Count
1306	DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGDNNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	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	GC085 RS07725 WP 011946523.1	.....	0
401686	GK049 RS07150 WP 011408072.1	.....	0
1058	ABD1 RS01615 WP 001274986.1	.....	0
1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Count
1306	DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	160
1168	A1552VC RS11070 WP 000957200.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	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
401686	GK049 RS07150 WP 011408072.1	.....	0
1058	ABD1 RS01615 WP 001274986.1	.....	0
1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Length	Consensus
1306	DR RS10060 WP 027479822.1	240	GRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGGFHPGEEVLGSM
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	.....
401686	GK049 RS07150 WP 011408072.1	0	.....
1058	ABD1 RS01615 WP 001274986.1	0	.....
1018	ACIAD RS01685 WP 004920473.1	0	.....
consensus			

NTDB id	Accession	Length	Sequence	Score
NTDB id 1306	DR RS10060 WP 027479822.1	320	LRADALRLLAVPVDETEQQVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGLTSRDQL	320
NTDB id 1168	A1552VC RS11070 WP 000957200.1	19	MLTNLVAILRQAELISATQ.	19
NTDB id 1293	VP RS12240 WP 005479695.1	19	MHSNLSTILRQKGLLTFSSQ.	19
NTDB id 1401	DSB67 RS12665 WP 010643259.1	19	MLTNLSTVLRQAGILTFSSQ.	19
NTDB id 1110	NGFG RS09235 WP 003689817.1	19	MSVGLLRILVQNQVVTVEQ.	19
NTDB id 1251	GCO85 RS07725 WP 011946523.1	27	MALATEEYRLQGIGQLLVLEKLLIDKTK.	27
NTDB id 401686	GKO49 RS07150 WP 011408072.1	29	MNSVSTTNLVGITGIARRLVQDGALEETA.	29
NTDB id 1058	ABD1 RS01615 WP 001274986.1	27	MS..ALHTSPKFTGFFRRLVEEKHVSAAAT.	27
NTDB id 1018	ACIAD RS01685 WP 004920473.1	27	MS..AFTTPPKFSGFIRRLVEEGYVNAQN.	27
consensus				*** *!***** *

logo

NTDB id 1306 DR RS10060 WP 027479822.1	REALQVQAREGKVKPLGEVITELGFASPD	400
NTDB id 1168 A1552VC RS11070 WP 000957200.1	EQAVVTQVSASGTSVPEALL	69
NTDB id 1293 VP RS12240 WP 005479695.1	EESLIEQVKASGISMPEALL	69
NTDB id 1401 DSB67 RS12665 WP 010643259.1	EESLLEQVKASGISMPEALL	69
NTDB id 1110 NGFG RS09235 WP 003689817.1	AEHYYNESQA.GKEVLPM	68
NTDB id 1251 GC085 RS07725 WP 011946523.1	AIELHKLAAAEKISLLQY	77
NTDB id 401686 GK049 RS07150 WP 011408072.1	ARTAMEQAAAAKVPLPQW	79
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MQTALDAAKRAKQDVTAY	77
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MQQALEKAKKFKQDITVP	77
consensus	*****	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIP	480
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ANLCQQGLGLRELITRYDAL	149
NTDB id 1293 VP RS12240 WP 005479695.1	ASLCQQGLGLRELITRHNAL	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ASLCQTGLGLRELITRHNAL	149
NTDB id 1110 NGFG RS09235 WP 003689817.1	HRVLMGVLTEEQMV	148
NTDB id 1251 GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIK	157
NTDB id 401686 GK049 RS07150 WP 011408072.1	NQNAVKLVSEELIK	159
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SQIPKDLVDQKLIL	157
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ALFLKDKIDEKLIQ	157
consensus	*****	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	ELA.....ERNKTQSSQ	547
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GKEISQDELANLVK...V	225
NTDB id 1293 VP RS12240 WP 005479695.1	LKEINQEELASLVD...V	225
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKEINQDELAGLVD...I	225
NTDB id 1110 NGFG RS09235 WP 003689817.1	GEGQ.E.....EESHT	215
NTDB id 1251 GC085 RS07725 WP 011946523.1	YVEDSGDLEGLEISADD	234
NTDB id 401686 GK049 RS07150 WP 011408072.1	GNDD.EEMGDLDVSTG	238
NTDB id 1058 ABD1 RS01615 WP 001274986.1	EE.FDLDVN...L	229
NTDB id 1018 ACIAD RS01685 WP 004920473.1	EE.LDLDVE...V	229
consensus	*****	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	FPGKAAQQIMARLKT	625
NTDB id 1168 A1552VC RS11070 WP 000957200.1	PASHLSRRLAARIKILSK	304
NTDB id 1293 VP RS12240 WP 005479695.1	PPNHLSRRLSARIKILSK	304
NTDB id 1401 DSB67 RS12665 WP 010643259.1	PPSHLSRRLSARIKILSK	304
NTDB id 1110 NGFG RS09235 WP 003689817.1	PPIAVRGQLASRIKIVMS	295
NTDB id 1251 GC085 RS07725 WP 011946523.1	PPASLSSRITARIKVMSN	313
NTDB id 401686 GK049 RS07150 WP 011408072.1	APVKLSQRIAAARIKIVMS	317
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PPLQLANRLASRLKVMSQ	308
NTDB id 1018 ACIAD RS01685 WP 004920473.1	PPLQLATRLASRLKVMSQ	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
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 401686 GK049 RS07150 WP 011408072.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
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
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 401686 GK049 RS07150 WP 011408072.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 401686 GK049 RS07150 WP 011408072.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
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 401686 GK049 RS07150 WP 011408072.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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 non conserved
 similar
 $\geq 50\%$ conserved