

NTDB id	Accession	Sequence	Count
NTDB id 1306	DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	80
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 307030	LA08 RS08170 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	Protein Name	Length
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
307030	LA08 RS08170 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	.....
307030	LA08 RS08170 WP 011408072.1	0	.....
1058	ABD1 RS01615 WP 001274986.1	0	.....
1018	ACIAD RS01685 WP 004920473.1	0	.....
consensus			

NTDB id	Accession	Length	Consensus
NTDB id 1306	DR RS10060 WP 027479822.1	320	LRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR
NTDB id 1168	A1552VC RS11070 WP 000957200.1	19	MLTNLVAILRQAEILISATQ
NTDB id 1293	VP RS12240 WP 005479695.1	19	MHSNLSTILRQKGLLTFSQ
NTDB id 1401	DSB67 RS12665 WP 010643259.1	19	MLTNLSTVLRQAGILTFSSQ
NTDB id 1110	NGFG RS09235 WP 003689817.1	19	MSVGLLRILVQNQVVTVEQ
NTDB id 1251	GC085 RS07725 WP 011946523.1	27	MALATEEYRLQGIGQLLVLEKLLDKTK
NTDB id 307030	LA08 RS08170 WP 011408072.1	29	MNSVSTTNLVGITGIARRLVQDGALEETA
NTDB id 1058	ABD1 RS01615 WP 001274986.1	27	MS..ALHTSPKFTGFFRRLVEEKHVSAAAT
NTDB id 1018	ACIAD RS01685 WP 004920473.1	27	MS..AFTTPPKFSGFIRRLVEEGYVNAQN
consensus			*** *!***** **

logo

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	REALQVQAREGKVKPLGEVITELGFASPD	69
NTDB id 1401 DSB67 RS12665 WP 010643259.1	REALQVQAREGKVKPLGEVITELGFASPD	69
NTDB id 1110 NGFG RS09235 WP 003689817.1	REALQVQAREGKVKPLGEVITELGFASPD	68
NTDB id 1251 GC085 RS07725 WP 011946523.1	REALQVQAREGKVKPLGEVITELGFASPD	77
NTDB id 307030 LA08 RS08170 WP 011408072.1	REALQVQAREGKVKPLGEVITELGFASPD	79
NTDB id 1058 ABD1 RS01615 WP 001274986.1	REALQVQAREGKVKPLGEVITELGFASPD	77
NTDB id 1018 ACIAD RS01685 WP 004920473.1	REALQVQAREGKVKPLGEVITELGFASPD	77
consensus	REALQVQAREGKVKPLGEVITELGFASPD	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIP	480
NTDB id 1168 A1552VC RS11070 WP 000957200.1	DPKVALMIP	149
NTDB id 1293 VP RS12240 WP 005479695.1	DPKVALMIP	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	DPKVALMIP	149
NTDB id 1110 NGFG RS09235 WP 003689817.1	DPKVALMIP	148
NTDB id 1251 GC085 RS07725 WP 011946523.1	DPKVALMIP	157
NTDB id 307030 LA08 RS08170 WP 011408072.1	DPKVALMIP	159
NTDB id 1058 ABD1 RS01615 WP 001274986.1	DPKVALMIP	157
NTDB id 1018 ACIAD RS01685 WP 004920473.1	DPKVALMIP	157
consensus	DPKVALMIP	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	ELA	547
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ELA	225
NTDB id 1293 VP RS12240 WP 005479695.1	ELA	225
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ELA	225
NTDB id 1110 NGFG RS09235 WP 003689817.1	ELA	215
NTDB id 1251 GC085 RS07725 WP 011946523.1	ELA	234
NTDB id 307030 LA08 RS08170 WP 011408072.1	ELA	238
NTDB id 1058 ABD1 RS01615 WP 001274986.1	ELA	229
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ELA	229
consensus	ELA	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	FPKGA	625
NTDB id 1168 A1552VC RS11070 WP 000957200.1	FPKGA	304
NTDB id 1293 VP RS12240 WP 005479695.1	FPKGA	304
NTDB id 1401 DSB67 RS12665 WP 010643259.1	FPKGA	304
NTDB id 1110 NGFG RS09235 WP 003689817.1	FPKGA	295
NTDB id 1251 GC085 RS07725 WP 011946523.1	FPKGA	313
NTDB id 307030 LA08 RS08170 WP 011408072.1	FPKGA	317
NTDB id 1058 ABD1 RS01615 WP 001274986.1	FPKGA	308
NTDB id 1018 ACIAD RS01685 WP 004920473.1	FPKGA	308
consensus	FPKGA	

 non conserved
 similar
 $\geq 50\%$ conserved