

logo

NTDB id 1306 DR RS10060 WP 027479822.1	MALSI GDRRLGAILLDQGYLGDN DLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	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 411292 D1605 RS10180 WP 004090374.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	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 411292 D1605 RS10180 WP 004090374.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	240
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 411292 D1605 RS10180 WP 004090374.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGT LSRDQL	320
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVA I LRQAELISAT..	18
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFS..	18
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFS..	18
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTIVE..	18
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGTGQLLVLEKLLDKT..	26
NTDB id 411292 D1605 RS10180 WP 004090374.1	MNTPHSANLVGITGIARRLVQDGSIEEA..	28
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MS..ALHTSPKFTGFFRRLVEEKHVSAA..	26
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MS..AFTTPPKFSGFIRRLVEEGYVNAQ..	26
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 411292 D1605 RS10180 WP 004090374.1	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	147
NTDB id 1251 GC085 RS07725 WP 011946523.1	DPKVALMIP	157
NTDB id 411292 D1605 RS10180 WP 004090374.1	DPKVALMIP	158
NTDB id 1058 ABD1 RS01615 WP 001274986.1	DPKVALMIP	156
NTDB id 1018 ACIAD RS01685 WP 004920473.1	DPKVALMIP	156
consensus	DPKVALMIP	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	ELAE	548
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ELAE	226
NTDB id 1293 VP RS12240 WP 005479695.1	ELAE	226
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ELAE	226
NTDB id 1110 NGFG RS09235 WP 003689817.1	ELAE	216
NTDB id 1251 GC085 RS07725 WP 011946523.1	ELAE	235
NTDB id 411292 D1605 RS10180 WP 004090374.1	ELAE	238
NTDB id 1058 ABD1 RS01615 WP 001274986.1	ELAE	230
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ELAE	230
consensus	ELAE	

logo

NTDB id 1306 DR RS10060 WP 027479822.1	PKGAAQQIMARL	626
NTDB id 1168 A1552VC RS11070 WP 000957200.1	PKGAAQQIMARL	305
NTDB id 1293 VP RS12240 WP 005479695.1	PKGAAQQIMARL	305
NTDB id 1401 DSB67 RS12665 WP 010643259.1	PKGAAQQIMARL	305
NTDB id 1110 NGFG RS09235 WP 003689817.1	PKGAAQQIMARL	296
NTDB id 1251 GC085 RS07725 WP 011946523.1	PKGAAQQIMARL	314
NTDB id 411292 D1605 RS10180 WP 004090374.1	PKGAAQQIMARL	317
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PKGAAQQIMARL	309
NTDB id 1018 ACIAD RS01685 WP 004920473.1	PKGAAQQIMARL	309
consensus	PKGAAQQIMARL	

logo

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	411292	D1605	RS10180	WP	004090374.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



706
385
385
385
376
394
397
389
389

logo

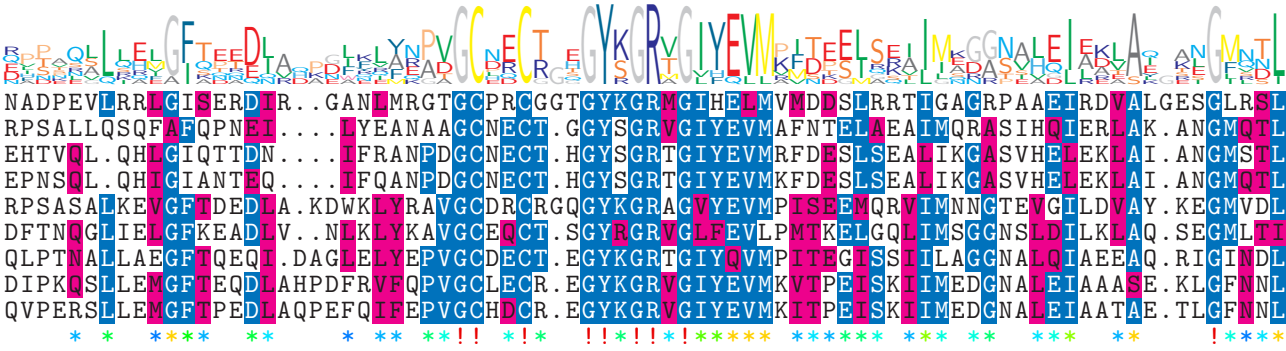
NTDB id	1306	DR	RS10060	WP	027479822.1
NTDB id	1168	A1552VC	RS11070	WP	000957200.1
NTDB id	1293	VP	RS12240	WP	005479695.1
NTDB id	1401	DSB67	RS12665	WP	010643259.1
NTDB id	1110	NGFG	RS09235	WP	003689817.1
NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	411292	D1605	RS10180	WP	004090374.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



785
464
464
464
456
474
476
468
468

logo

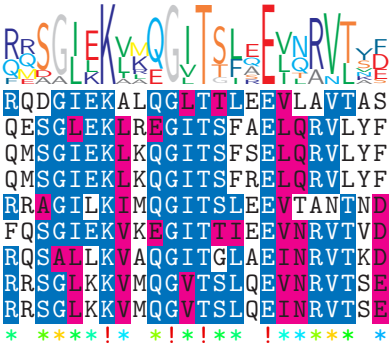
NTDB id	1306	DR	RS10060	WP	027479822.1
NTDB id	1168	A1552VC	RS11070	WP	000957200.1
NTDB id	1293	VP	RS12240	WP	005479695.1
NTDB id	1401	DSB67	RS12665	WP	010643259.1
NTDB id	1110	NGFG	RS09235	WP	003689817.1
NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	411292	D1605	RS10180	WP	004090374.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



863
538
537
537
534
550
553
546
546

logo

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	411292	D1605	RS10180	WP	004090374.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



887
562
561
561
558
574
577
570
570

 non conserved
 similar
 $\geq 50\%$ conserved