

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 328448 EGH16 RS09960 WP 003689817.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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NTDB id 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEI WVPSGASDA	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 328448 EGH16 RS09960 WP 003689817.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVLGSM	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 328448 EGH16 RS09960 WP 003689817.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGT LSRDQL	320
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 328448 EGH16 RS09960 WP 003689817.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	REALQVQAREGKVKPLGEVITELGFASPDVDLSALQKQNVGGRLLEDTLVQSGKLSPPEMLARSLLAAQLGYEFLDPIQNPP	400
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILLRQAELISATQEQA VVTQVSASCTSVPEALLLELSIFHAQELTEQLSHIFGLPETDLSTRYDY	69
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLTSTILRQKGLTFTSQEESLIEQVKASGISMP EALLSSGFFTSSELAEHLSSIFGLSQPELSQYEY	69
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLTSTVL RQAGILTFSQEESSLLEQVKASGISMP EALLSSGFFQSHELTEHLSVFGLSCTSLNQYEY	69
NTDB id 328448 EGH16 RS09960 WP 003689817.1	MTVGLLRLLVQN QVVTFVQAEHYH.NESQAGKEVLPMLFSDGVISP KSLAALIARVFSYSIDL RHYP R	68
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRLLVQN QVVTFVQAEHYH.NESQAGKEVLPMLFSDGVISP KSLAALIARVFSYSIDL RHYP R	68
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQCIGQLLVLEKLLDKTKAIELHKLAAA EKISLLQYIVKNKILSAEQIALTA AQNF GVPMLDINCIDV	77
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAF TTPPKFSGFIRRLVEEGYVNAQM MQALEKAKKFQDIVPYLIDNFSISPLTIAETISLEFGEPLDLGV FDP	77
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTGFRRLLVEEKHVSAA TMQTALDA AKRAKQDTVAYLIEEVHLSPSL LAETISA EFAEPYFDLDV YDT	77
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NTDB	id	1306	DR	RS10060	WP	027479822.1	DPKVALMIP [*] EATARRYV ^{***} VVPRLQ ^{***} GNSLVVAMKDPRNVFALDDLKLTIGKEILPAVMAEKDITIRLIERYFG ^{*****} EKGFEKLNK	480
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ANLCQQQLGLRELITRYDALPIAKQGNNLLLA ^{*****} VS ^{*****} DPTLLQAEEEFRRFATGLQVELALADHRA ^{*****} LQA ^{*****} AIRRLLYGRSIQGAANQ	149
NTDB	id	1293	VP	RS12240	WP	005479695.1	ASLCQQQLGLRELITRHNALPLHRTPTSTLLLAVADPTNQQAE ^{*****} DDFRFATGLQVELVLADFRELSTAIRRLYGRSL ^{*****} SHEKSG	149
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	ASLCQTLLGLRD ^{*****} LITRHNALPLNR ^{*****} TSS ^{*****} TLLI ^{*****} VA ^{*****} DP ^{*****} NLQAEDDFRFATGLQVELVLADFRELTA ^{*****} AIRRLLYGRSLGQEKS ^{*****} G	149
NTDB	id	328448	EGH16	RS09960	WP	003689817.1	HRVLMGVLTBEQMVEFHCVPVFRRGDKVFFAVSDPTQMPQIQKT ^{*****} VSAAAGIAVELVIVEDDQLAGLLDWGSRSTS ^{*****} SL.LQ	146
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	HRVLMGVLTBEQMVEFHCVPVFRRGDKVFFAVSDPTQMPQIQKT ^{*****} VSAAAGIAVELVIVEDDQLAGLLDWGSRSTS ^{*****} SL.LQ	146
NTDB	id	1251	GC085	RS07725	WP	011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKES ^{*****} SQGLSE	157
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATS ^{*****} NPNTIEAMD ^{*****} AIRFNSK ^{*****} LKV ^{*****} EP ^{*****} IIVEHDKLERLLSEHFVEETHFNFD ^{*****} T	157
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	SQP ^{*****} KPDLDVQKLIKLRHRIPLIQRGQILYVATS ^{*****} NPNS ^{*****} IEAIDAIRFNSKLLV ^{*****} EP ^{*****} IIVEHHKLEKVLGGHFAEES ^{*****} SFDFND	157
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NTDB id 1306	DR RS10060 WP 027479822.1	EL.....AE..RNKTQSQSEADLSVA	DESAIVQVVDSTIREAALQDASDIHIETTEDAV	KVRYRIDGALREQNSFP	549
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GK...EISQDELANLVKVSDELQSTEDLSQ	DDSPVSRFINQVLLDAVRKGASDIHFEPYENQY	YRIRLRCDGILVETQPPA	227
NTDB id 1293	VP RS12240 WP 005479695.1	LK...EINQEELASLVVGADEIDNIEDLSQ	DESPVSRYINQILLDAVRKGASDIHFEPYEKMY	YRVRLRCDGILIIETQPPP	227
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LK...EINQDELAGLVDIGEIDENIEDLSQ	DESPVSRYINQILLDAVRKGASDIHFEPYENMY	YRVRLRCDGILIEIQPPP	227
NTDB id 328448	EGH16 RS09960 WP 003689817.1	EL.....GEGQEEEEESHPLYIDNEEA	EDGVPVPRFIHKTLSDALRSGASDIHFEFYEHNA	RIRFRVDGQLREVVPQP	217
NTDB id 1110	NGFG RS09235 WP 003689817.1	EL.....GEGQEEEEESHPLYIDNEEA	EDGVPVPRFIHKTLSDALRSGASDIHFEFYEHNA	RIRFRVDGQLREVVPQP	217
NTDB id 1251	GCO85 RS07725 WP 011946523.1	YVEDSGDLEGLAISAD.DEDQDIDTATSVT	DDAPIVKFVNKILLDAIRQGASDIHFEPYEREY	YRIRYRQDGIHEVATPP	236
NTDB id 1018	ACTIAD RS01685 WP 004920473.1	E...ELD...LDVEVDPHTTDDDDDEDKCLK	DEAPIVKYINKLLDAIRMSASDLHFEPYEKS	YRVRYRVGVLRLIATPP	231
NTDB id 1058	ABD1 RS01615 WP 001274986.1	E...EFD...LDVNLDPGTAQEDEEAPQGG	DEAPIVKYINKLLDAIRMSGASDLHFEPYEKS	YRVRYRVGVLRLQIANPP	231
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consensus



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logo

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



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



887
562
561
561
558
558
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved