

logo

NTDB id 1306 DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIIVVPSGASDA	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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSPGFHPGEEVLGSM	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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQGRIGEQLVQECTLSRDQL	320
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLINLVALRQAEELISATQ.	19
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTLRQKGLTFSQ.	19
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRAQGLTFSQ.	19
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLRLVLQNQVIVEQ.	19
NTDB id 1251 GCO85 RS07725 WP 011946523.1	MALATEEYRLQCTGQLLVLEKLLDKTK.	27
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	MNSVSTTNLVGITCIARRLVQDGALEETA.	29
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MS..ALHTSPKFTGFFRRLVEEKHVSAAAT.	27
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MS..AFTTPPKFSCFIRRLVEEGYVNAQN.	27
consensus	*** *!***** **	

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NTDB id 1306 DR RS10060 WP 027479822.1	REALQVQARECKVKPLGCEVITELGCFASPDEVD	400
NTDB id 1168 A1552VC RS11070 WP 000957200.1	EQAVVTQVSASGTSVPEALLSIFHAQELTEQLSHIFGEPETDLSRYDY	69
NTDB id 1293 VP RS12240 WP 005479695.1	EESLIEQVKKASGISMPEALLSSGFFTSSELAEHLSSIFGSLSQPEY	69
NTDB id 1401 DSB67 RS12665 WP 010643259.1	EESLIEQVKKASGISMPEALLSSGFFQSHLTHSSVFCISCTSLNQY	69
NTDB id 1110 NGFG RS09235 WP 003689817.1	AEHYYNESQA..CKEVLPLMLFSDGVI..SPKSLAALIARVFSYSILDLRHYP	68
NTDB id 1251 GC085 RS07725 WP 011946523.1	AIELHKLAAAEKISLLQYIVKNKILSAEQIALTAQAQNFVPMIDINCIDV	77
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	ARTAMEQAAA..AKVPLPQWFAENRLVSASQLAAANA..VEFCMPLMDVSVFDA	79
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MQTALDAAKRAKQDVTAYLIEEVHLSPSLAEETISAEFAEPYFDLDVYDT	77
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MQQALEKAKKFQKDVPVYLIDNFS..SPLTTABEISLEFGPEPLDLGVFDP	77
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIPETARRVYVVPVRLQGNLSLVVAMKDPRNVFALDDLKLTGKEILPAVMAEKDITIRLTERYFGEKGFEKLNK	480
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ANLCQQQLGLRELITRYDALPIAKQCENLLLLAVSDPTLLQAEEEFRAFATGLQVELALADHRAALQAAILRRLYGRSISQGAANQ	149
NTDB id 1293 VP RS12240 WP 005479695.1	ASLCQQQLGLRELITRHNALPLHRTPTSTLLAVADPTNQQAEDDFRAFATGLQVELVLADFRELSTAIRRLYGRSLSHEKSG	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ASLCQTLGLRDLITRHNALPLNRTSSTLLAVADPTNQAEDDFRAFATGLQVELVLADFRELTAAILRRLYGRSLGQEKSG	149
NTDB id 1110 NGFG RS09235 WP 003689817.1	HRVLMGVLTETEQMVEFHCVVFFRGDKVFFAVSDPTQMPQITQKTVSAACTAVELVIVEDDQLAGLLDWVGRSTSLQL	148
NTDB id 1251 GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEITQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSE	157
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	NQNAVKLIVSEELIQKYHVLPLFKRCNRLFVGVSNPTQTRALDDIKFHTNLVVEPTILVDEDQIRRTLEQWQASNAFSGSSL	159
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SQIPKDLVDQKLIKLRHILPLIQRGQILYVATSNPSNTEADDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESFDFND	157
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ALFLKDKIDKELIQKYRIMPLVHRGHVLYVATSNPTNTEADDAIRFNSKLLVEPTILVHDKLERLLSEHVEETHFNFD	157
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	ELA.....ERNKTQQSQAELLSVADESALVQVVDSTIREAALQDASDIHETTEDAVKVRVRLDGALEQNS	547
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GKELISQDELANLVK...VSDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRRCDCGLVETQQ	225
NTDB id 1293 VP RS12240 WP 005479695.1	LKEINQEELASLVD...VGADEINIEDLSQDESPPVSRFINQVLLDAVRKGASDIHFEPYKMYRVRRLRCDGLIETQQ	225
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKEINQDELAGLVD...IGDEIENIEDLSQDESPPVSRFINQVLLDAVRKGASDIHFEPYKMYRVRRLRCDGLIETQQ	225
NTDB id 1110 NGFG RS09235 WP 003689817.1	GEGQ.E.....EESHTLYIDNEEAEDGPVPRFIHKTLSDALRSASDIHFEPYEHMARIRFRVDCQLREVQ	215
NTDB id 1251 GC085 RS07725 WP 011946523.1	YVEDSGDLEGLETSADD...EDQDIDTATSVTDAPITVKFVNKLLDAIRQGASDIHFEPYEREYRIRVRQDGLHEVAT	234
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	GNDD.EEMGDLDVSTGDEDMGAGGDSGVDAKGDDTPVVVKFVNKVLVDAIRRGASDIHFEPYEDDYRVRIRIDGILLKNVAK	238
NTDB id 1058 ABD1 RS01615 WP 001274986.1	EE.FDLVDN..LDGPTAQEDEEAPQGDAPITVKYINKLLDAIRMGASDIHFEPYEKSYRVRVYRVDGVLRLQIAN	229
NTDB id 1018 ACIAD RS01685 WP 004920473.1	EE.LDLDVD..VDPHTTDDDEDKCLKDEAPITVKYINKLLDAIRMSASDIHFEPYEKSYRVRVYRVDGVLRLIAT	229
consensus	*****	

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NTDB id 1306 DR RS10060 WP 027479822.1	FPKGAAQQIMARLIKIMGHLDIAERRVPQDGRVRF..KKSIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLCFSEY	625
NTDB id 1168 A1552VC RS11070 WP 000957200.1	PASHLSRRRLAARIKILSKLDIAERRVPQDGRILKLSH.DTAIDMRVSTLPTLWGEKIVLRILDSSAANLIDTKLGYNPQ	304
NTDB id 1293 VP RS12240 WP 005479695.1	PPNHLSRRLSARIKILSKLDIAERRVPQDGRILKLNQ.DTAIDMRVSTLPTLFGEKIVLRILDSSASLIDIDKLGyseQ	304
NTDB id 1401 DSB67 RS12665 WP 010643259.1	PPSHLSRRLSARIKILSKLDIAERRVPQDGRILKLNQ.DTAIDMRVSTLPTLFGEKIVLRILDSSAALDINKLGYSDS	304
NTDB id 1110 NGFG RS09235 WP 003689817.1	PPIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQKGGKIPVDFRVSTLPTLFGEKIVMRILNSDAASLNDIQLGHEPF	295
NTDB id 1251 GC085 RS07725 WP 011946523.1	PPASLSSRITARIKIVMSNLDISERRIPQDGGFKMKISK.SPAIDFRVSTCPTSAGEKVMVRVLDSGAAKLGIEALGFNPV	313
NTDB id 1102136 Q9260 RS07705 WP 011408072.1	APVKLSQRITARIKIVMSQLDIAEKRVPPQDGRILKLSK.TKQIDFRVSTLPTLFGEKIVLRILDGSAAKLGIDKLGYPEP	317
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PPLQLANRLASRIKIVMSQMDISEKRVPPQDGRILKLSK.SKAIDFRVNSLPTLFGEKIVLRILDPSSAMLGIDALGYEED	308
NTDB id 1018 ACIAD RS01685 WP 004920473.1	PPLQLATRLASRIKIVMSQMDISEKRVPPQDGRILKLSK.SKTIDFRVNSLPTLFGEKIVLRILDPASAMLGIDALGYEPE	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

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NTDB id 1102136 Q9260 RS07705 WP 011408072.1

NTDB id 1058 ABD1 RS01615 WP 001274986.1

NTDB id 1018 ACIAD RS01685 WP 004920473.1

consensus

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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

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NTDB id 1110 NGFG RS09235 WP 003689817.1

NTDB id 1251 GC085 RS07725 WP 011946523.1

NTDB id 1102136 Q9260 RS07705 WP 011408072.1

NTDB id 1058 ABD1 RS01615 WP 001274986.1

NTDB id 1018 ACIAD RS01685 WP 004920473.1

consensus

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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

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NTDB id 1102136 Q9260 RS07705 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 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