

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLTIGDRRLGAALLDAGYLDSLQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGGLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 111804 BAT63 RS00720 WP 000650596.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
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 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 1410 SGL RS13950 WP 010873519.1	SEYFSAKELRAIPFALSEEGRVAHYBPLSSEYEDSGHYEPYQTEREYAAAHYPELGLEYMPsck	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 111804 BAT63 RS00720 WP 000650596.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
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 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	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1		0
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVL	237
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468	ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 111804	BAT63 RS00720 WP 000650596.1	.....	0
NTDB id 1436	BW25113 RS00530 WP 001025145.1	.....	0
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 1251	GCO85 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	Accession	Protein	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	MTS	3	
NTDB id 1028	TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317	
NTDB id 1306	DR RS10060 WP 027479822.1	GSMRLRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGTLSR	317	
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0	
NTDB id 1355	HI 0298 AAC21962.1	.....	0	
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0	
NTDB id 1468	ASU2 RS05090 WP 014991734.1	.....	0	
NTDB id 111804	BAT63 RS00720 WP 000650596.1	.....	0	
NTDB id 1436	BW25113 RS00530 WP 001025145.1	.....	0	
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 1251	GCO85 RS07725 WP 011946523.1	.....	0	
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0	
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0	
consensus				

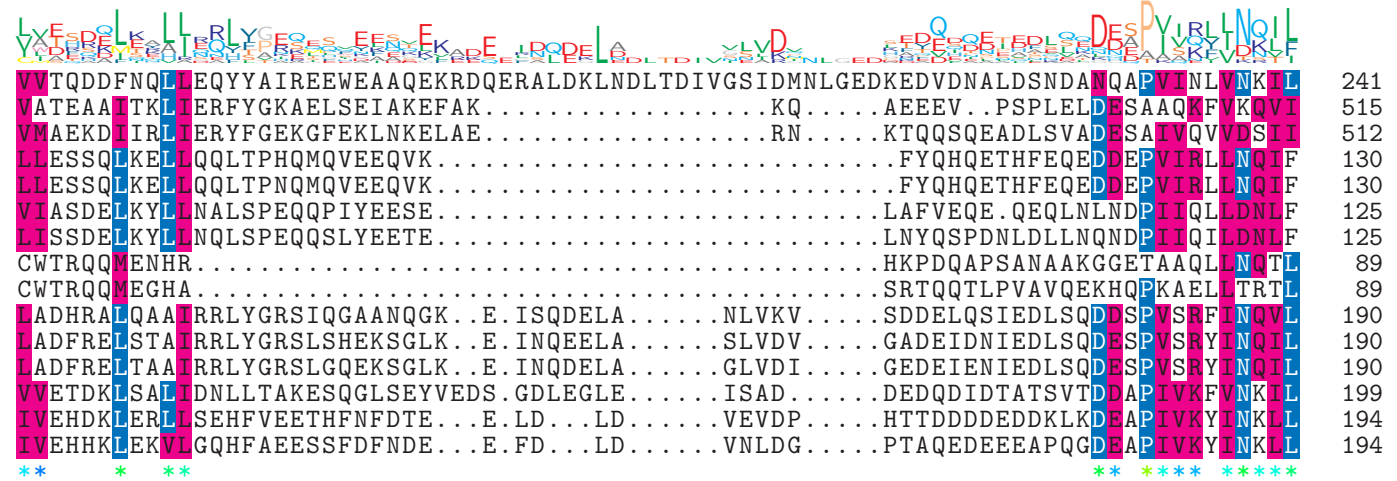
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NTDB	id	1410	SGL	RS13950	WP	010873519.1	SSSSKKSRVAALRNYFSPFGNK	VAGGHVDAEQLRQALVQVKKTGRS	LPEELKAVTGRELSPEL	LRQYKKNQLFELKVL	83	
NTDB	id	1028	TT	RS08215	WP	011173991.1	EALKEALEVQKGLPRAKPLGEIL	VELGLARPEDVEEALQKQRRGGGR	LEDTLV..QSGKLRPEALAQA	VATQL	388	
NTDB	id	1306	DR	RS10060	WP	027479822.1	DQLREALQVQAREGKVKPLGEVI	TELGFASPDEVDSALQKQNVGGGR	LEDTLV..QSGKLSPEMLARS	LAAQL	388	
NTDB	id	1366	NTHI	RS01950	WP	011271972.1	.....	.....	MTSYA.....LLHTQRVTAQ	NGEIF	20	
NTDB	id	1355	HI	0298	AAC21962.1	.....	.....	.....	MTSYA.....LLHTQRVTAQ	NGEIV	20	
NTDB	id	1384	A4U84	RS08525	WP	010787006.1	.....	.....	MSQYT.....ICEQQ	TERIF	15	
NTDB	id	1468	ASU2	RS05090	WP	014991734.1	.....	.....	MQYS.....VCDMN	SQQVF	14	
NTDB	id	111804	BAT63	RS00720	WP	000650596.1	.....	.....	.....	.....	0	
NTDB	id	1436	BW25113	RS00530	WP	001025145.1	.....	.....	.....	.....	0	
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1		MLTNLVAILRQAE	LISATQEQAVVTQVSASGTS	VPEALL..ELSIFHAQEITEQ	LSHIF	57
NTDB	id	1293	VP	RS12240	WP	005479695.1		MHSNLSTILRQKGLL	TFSQEESLIEQVKASGISM	PEALL..SSGFFTSSELAEH	LSSIF	57
NTDB	id	1401	DSB67	RS12665	WP	010643259.1		MLTNLSTVLRQAGIL	TFSQEESLLEQVKASGISM	PEALL..SSGFFQSHELTEH	LSSVF	57
NTDB	id	1251	GC085	RS07725	WP	011946523.1		MALATEEYRLQGIGQL	LVLEKLLDKTKAIELHKLAAAEKIS	LLQYIV..KNKILSAEQIALT	AAQNF	65
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1		MSAFTTPPKFSGFIRRL	VEEGYVNAQNMQQALEKAKKFKQD	IVPYLI..DNFSISPLTIAEI	ISLEF	65
NTDB	id	1058	ABD1	RS01615	WP	001274986.1		MSALHTSPKFTGFFRR	LVEEKHVSAATMQTALDAAKRAKQD	TVAYLI..EEVHLSPSLLAET	ISAEF	65
consensus							*	*	*	*	*	

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NTDB	id	1410	SGL RS13950 WP 010873519.1	CVDSVDPEVAPIATQQAELIGRFFPLDTCRRFKFLPLAQEGQEDPPSVLVAMVPDPNLAQQDELNRILRVKGF...ELRRLL	161
NTDB	id	1028	TT RS08215 WP 011173991.1	GYPYVDPEEDPPD....PGAPLLLLPEDLCRRYGVFPHRLEG...NRLVLMLKDPRNILALDDVRLALKRKGLNYEVAPA	460
NTDB	id	1306	DR RS10060 WP 027479822.1	GYEFLDPIQMPPD....PKVALMIPEATARRVVVVRQLQG...NSLTVAMKDPRNVFALDDLKLITG....KEILPA	455
NTDB	id	1366	NTHI RS01950 WP 011271972.1	TISPD....LWERNQQQSLLLRYPALPLKEEN...NRLWLGVDSLNSLSACETIAFITG....KPVEPI	79
NTDB	id	1355	HI 0298 AAC21962.1	TISPD....LWERNQQQSLLLRYPALPLKEEN...NRLWLGVDSLNSLSACETIAFITG....KPVEPI	79
NTDB	id	1384	A4U84 RS08525 WP 010787006.1	DISPS....RWQKNCEEKQLLLRYLAVPVQETE...HKLWLAVDDENNLTACEIFAFTMTH....KQIEPV	74
NTDB	id	1468	ASU2 RS05090 WP 014991734.1	DISES....LWQKNCDEKHILLRYLAIPIQEND...DTLWLAIIDDMNLSACEIFAFIAH....KTIEPV	73
NTDB	id	111804	BAT63 RS00720 WP 000650596.1	MKDAQNLNTLCQRHQAVLINASAS...NSTITVAVVDAPSHALLDALHFATQ....KQIDIIV	52
NTDB	id	1436	BW25113 RS00530 WP 001025145.1	MNIPQLTALCLRYHGVLLDASE...EVVHVAVVDAPSHELLDALHFATT....KRIEIT	52
NTDB	id	1168	A1552VC RS11070 WP 000957200.1	CLPETDLSTRDYDA....NLCQQGLGRELTRYDALPTAKQG...NLLLLAVSDPTLLQAEEDFRFATG....LQVELA	124
NTDB	id	1293	VP RS12240 WP 005479695.1	GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRTTP...STLLLAVADPTNQQAEEDFRFATG....LQVELV	124
NTDB	id	1401	DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA....SLCQTGLGRDLITRHNALPLNRTS...STLLLAVADPTNLLQAEDDFRFATG....LQVELV	124
NTDB	id	1251	GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDPSKQASLKEIQFHTG....LNTHAI	132
NTDB	id	1018	ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPAA....LFLKDKIDEKLIQKKYRIMPLVHRG...HVLVYVATSNPNTTEAMDAIRFNSK....LKVEPI	132
NTDB	id	1058	ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS....QIPKDLVDQKLLKLRHLPLIQRG...QILYVATSNPNTIEAIDAIRFNSK....LLVEPV	132
consensus				* *** ***** ** *	

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 111804 BAT63 RS00720 WP 000650596.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
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consensus



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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	1410	SGL RS13950 WP 010873519.1	LDEMGVEPFMVSGSLGVLAQRLMRKVCTECRIAYHPS.KEELSRFLSASGDEVVTFYKANSLSPDEIHLARQKGNLCQ	559
NTDB	id	1028	TT RS08215 WP 011173991.1	LDEMGVEPFNISAALIGVLSQLRVRVCHECKVEVKPD.PETLRRLLGLEAEIQ.....GA....RLYKGMGCCE	817
NTDB	id	1306	DR RS10060 WP 027479822.1	LEEMGTENFNISAAVMGVLAQRLVRRVCSECKQPTNAD.PEVLRRLLGISERDIR.....GA....NLMRGTGCCP	814
NTDB	id	1366	NTHI RS01950 WP 011271972.1	LQLLGIQQHEITENSLLLVIQAQLVRKICPKCGGNLI.....NSC	408
NTDB	id	1355	HI 0298 AAC21962.1	LQLLGIQQYEIKNSLLLVIQAQLVRKLCSKCGGNLA.....NSC	408
NTDB	id	1384	A4U84 RS08525 WP 010787006.1	LLQLGIQEYEIQNSLLLVIQAQLVRKLCKKRGVGC.....D	401
NTDB	id	1468	ASU2 RS05090 WP 014991734.1	LLQLGIKEYEIKNSLQLLIAQRLLRKRCPQCGKGKC.....D	401
NTDB	id	111804	BAT63 RS00720 WP 000650596.1	LQCMGVARMISSALTIVVAQRLVRKLCPHCQRRLSDPV.....VLSPNLW.....PS..ALPRWQASGCCQ	386
NTDB	id	1436	BW25113 RS00530 WP 001025145.1	LQCMGVARMISSALTIVIAQRLVRKLCPHCRRQGGEPI.....HIPDNVW.....PS..PLPHWQAPGCV	386
NTDB	id	1168	A1552VC RS11070 WP 000957200.1	LANMGVEPFNLASSLSLIAAQLARRLLCKHKIAVRP.SALLQSQAFAQPNEI.....LYEANAGCN	491
NTDB	id	1293	VP RS12240 WP 005479695.1	LSNMGVESFNLASSLSLIAAQLARKLCPYCKQPQEH.TVQL.QHLGIQTTDN.....IFRANPDGCN	490
NTDB	id	1401	DSB67 RS12665 WP 010643259.1	LSNMGVESFNLASSLSLIAAQLARKLCPYCRQPQEP.NSQL.QHIGIANTEQ.....IFQANPDGCN	490
NTDB	id	1251	GCO85 RS07725 WP 011946523.1	LVMGTIPTFNIIASSVTLLIAAQLARKLCNQCKAVRDDFTNQGLIELGFKEADLV.....NLKLYKAVGCE	503
NTDB	id	1018	ACIAD RS01685 WP 004920473.1	LARNMGVASFNIIATSVNLVIAQRLARRLLCSQCKRPI.QVPERSLLEMCFTPEDLA.....QP..EFQIFEPVGCH	499
NTDB	id	1058	ABD1 RS01615 WP 001274986.1	LARNMGVPSFNIIATSVNLVIAQRLARRLLCSQCKIPA.DIPKQSLLEMCFTEQDLA.....HP..DFRVFQFPVGCCL	499
consensus				! ** ! * * * * * ** ***** ! ! ! * ! * * ! * * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1	MR A KRKSALTCRTCAAEL Q QEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1306 DR RS10060 WP 027479822.1		887
NTDB id 1366 NTHI RS01950 WP 011271972.1		464
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NTDB id 1384 A4U84 RS08525 WP 010787006.1		461
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NTDB id 111804 BAT63 RS00720 WP 000650596.1		461
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NTDB id 1293 VP RS12240 WP 005479695.1		561
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved