

logo

		MSXLRIGDRRLGAALLDAGLLTDEELQRALERHREVEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1410	SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1028	TT RS08215 WP 011173991.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1306	DR RS10060 WP 027479822.1	.....	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 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1080505	ACK101 RS15655 WP 409460401.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus		0

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		RSLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	0
NTDB id 1410	SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1028	TT RS08215 WP 011173991.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
NTDB id 1306	DR RS10060 WP 027479822.1	.....	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 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1080505	ACK101 RS15655 WP 409460401.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus		0

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	0
NTDB id 1410	SGL RS13950 WP 010873519.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	237
NTDB id 1028	TT RS08215 WP 011173991.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFFHPGEEVL	237
NTDB id 1306	DR RS10060 WP 027479822.1	.....	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 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1080505	ACK101 RS15655 WP 409460401.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus		0

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NTDB id 1410	SGL RS13950 WP 010873519.1MT.....SS	4
NTDB id 1028	TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWEEFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306	DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
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 1080505	ACK101 RS15655 WP 409460401.1	.....	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 1410	SGL RS13950 WP 010873519.1	83
NTDB id 1028	TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRRGGRIEDTLVQ..SGKIRPEALQA.....VATQL	388
NTDB id 1306	DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGGEVITELGFASPDVEVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL	388
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....MLTNLVAIILRQAEIISATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSHIF	57
NTDB id 1293	VP RS12240 WP 005479695.1	.....MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALLS..SGFFTSSELAEH.....LSSIF	57
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILTFSQEESLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF	57
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVTVEQAEHYINESQ..AGKEVLPMLFS..DGVISPKSLAAL.....IARVF	56
NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MAL..ATEEYRLQGITGLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNF	65
NTDB id 1080505	ACK101 RS15655 WP 409460401.1	...MNAASPPNLVGITGLARRLVQDQALDEATARDAMAKATAARQPLPTWFAQ..NKLVSASQLAAA.....NAVEF	67
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSAL..HTSPKFTGFFRRLVVEEKHVSAAATMQTALDAAKRAKQDVTVAYLIE..EVHLSPSLLAET.....TSAEF	65
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAF..TTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVPLID..NFSISPLTIAEI.....ISLEF	65
consensus			

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NTDB id 1410	SGL RS13950 WP 010873519.1	161
NTDB id 1028	TT RS08215 WP 011173991.1	GYFYVDPEEDPPDP.....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALDDVRLALKRKLNYEVAPA	460
NTDB id 1306	DR RS10060 WP 027479822.1	GYEFLDPIQNPDP.....KVALMIPAEATARRVVPVRLQG...NSLVVAMKDPDPRNVFALDDLKLITG.....KETLPA	455
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GLPETDLRSYDYAN.....LCQQLGLRELITRYDALPIAKQ...NLLLLAVSDPTLLQAEFFRFATG.....LQVELA	124
NTDB id 1293	VP RS12240 WP 005479695.1	GLSQPELSQYEYAS.....LCQQLGLRELITRHNAALPLHRT...STLLAVADPTNQAEDDFRFATG.....LQVELV	124
NTDB id 1401	DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYAS.....LCQTGLRLDLITRHNAALPLNRTS...STLILAVADPTNQAEDDFRFATG.....LQVELV	124
NTDB id 1110	NGFG RS09235 WP 003689817.1	SYSILDLRHYPHRR.....VLMGVLTEEQMVEFHCVVFRFG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELV	123
NTDB id 1251	GCO85 RS07725 WP 011946523.1	GVPMLDINCIDVCT.....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI	132
NTDB id 1080505	ACK101 RS15655 WP 409460401.1	GMPLFDVSTFDASQ.....NAMNLVSEELLRKHNVLPFKRG...GKLFVGTSNPTH..ALDEIKFHTN.....LVVETI	132
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTSQ.....IPKDLVDQKLLKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LKVPEV	132
NTDB id 1018	ACIAD RS01685 WP 004920473.1	GEPLDLGVFDPAL.....FLDKKIDKLIQYRIMPLVHRG...HVLVYVATSNPTNIEAMDIAIRFNSK.....LKVPEI	132
consensus			

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1080505 ACK101 RS15655 WP 409460401.1	.....	575
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

 non conserved
 similar
 ≥ 50% conserved