

logo

		MSXLSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAILLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 151957	WM2015 RS09565 WP 049725830.1	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	0
consensus			

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		RSIRPQTALNLQAFPFALE.GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE.GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDPLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	0
NTDB id 1293	VP RS12240 WP 005479695.1	0
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NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
NTDB id 151957	WM2015 RS09565 WP 049725830.1	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	0
consensus			

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		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKQGWISREALEEALVEQEKTDLLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVDPDPSAA	237
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	0
NTDB id 1293	VP RS12240 WP 005479695.1	0
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NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
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consensus			

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NTDB id 1410 SGL RS13950 WP 010873519.1MTS	3
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTLRSR	317
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 151957 WM2015 RS09565 WP 049725830.1	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	0
consensus	0

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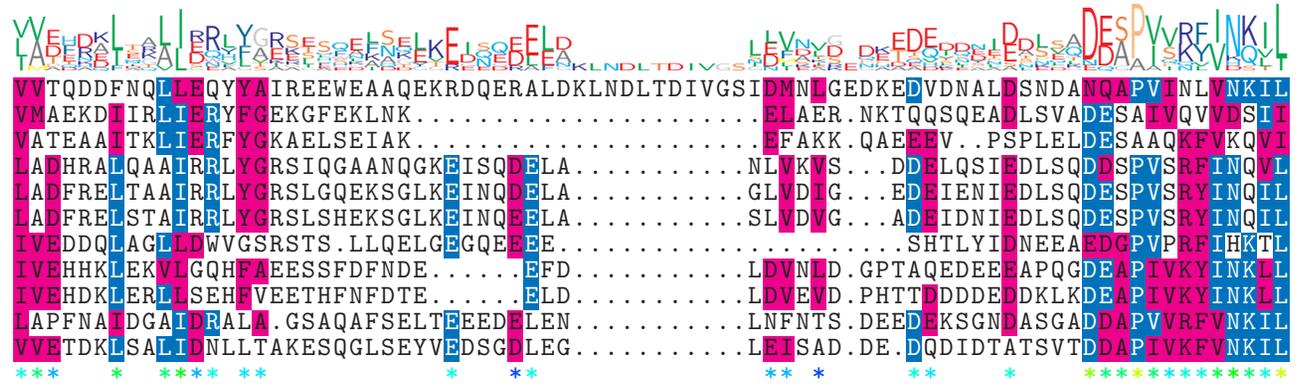
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NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELCFASPDVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL	388
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGELVLELCLARPEDVEEALQKQFRCGGRIEDTLVQ..SGKLRPEALQA.....VATQL	388
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVAILLRQAEELISATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSHF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQACILTFSSQEESSLLEQVVASGISMPEALLS..SGFFQSHLTHEH.....LSSVF	57
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLSLTLRQKGLLTFSSQEESSLLEQVVASGISMPEALLS..SGFFTSSSLAEH.....LSSVF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRLLVQNVVTVVQAEHYH.NESQAKKEVLPMLFS..DGVISPKSLAAL.....LARVF	56
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTPVAYLIE..EVHLSPSLLAET.....LSAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVYLID..NFSISPLTIAEI.....LSLEF	65
NTDB id 151957 WM2015 RS09565 WP 049725830.1	.....MYAQSTPSLRLLSNLGRKLVENCLMSEEQAIEAMAKAAEKGRITFTSHLVR..EKLIDAVGFAHV.....AAEDF	66
NTDB id 1251 GC085 RS07725 WP 011946523.1MALATEEYRLQGLGQLLVLEKLLDKTKAIELHKLAAAEEKISLQYIVK..NKILSAEQIALT.....AAQNF	65
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NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKG..FEI	161
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD.....PKVALMPEATARRVVPVRLQ...GNSLVVAMKDPDRNVFALDDLKLTG.....KEILPA	455
NTDB id 1028 TT RS08215 WP 011173991.1	GYFYVDPEEDPPD.....PGAPLLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNLLALDDVRLALKRGLNYEVAPA	460
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GIPETDLSRVYDYA.....NLCQQLGLRELITRYDALPIAKQ...GNLILLAVSDPTLLQAEFFFRFATG.....LQVELA	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYBYA.....SLCQTLGLRDLITRHNALPLNRT...SSTLLAVADPTNLQAEEDFRFATG.....LQVELV	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYBYA.....SLCQQLGLRELITRHNALPLHRT...PSTLLAVADPTNQQAEEDFRFATG.....LQVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRH.....RVLMGVLTTEEQMVEFHCVVFR...GDKVFFAVSDPTQMPQIQKTVSAA...LAVELV	123
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEFYFDLDVYDTS.....QIPKDLVDGKLLKHLRILPLIQR...GQILYVATSNPSNIEAIDAIRFNSK.....LLVEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVDPDA.....LFLKDKIDKLIQKRYRIMPLVHR...CHVLYVATSNPTNIEAMDARFNSK.....LKVEPI	132
NTDB id 151957 WM2015 RS09565 WP 049725830.1	GMLIDLAAVDLK.....HAPTDLVQEDLIRKHLILPLTKR...GKKLYVAAADPGNKAGMDEIAFSTG.....YSVETI	133
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVGC.....TTPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDDPSKQASIKELIQFHTG.....LNTHAI	132
consensus	

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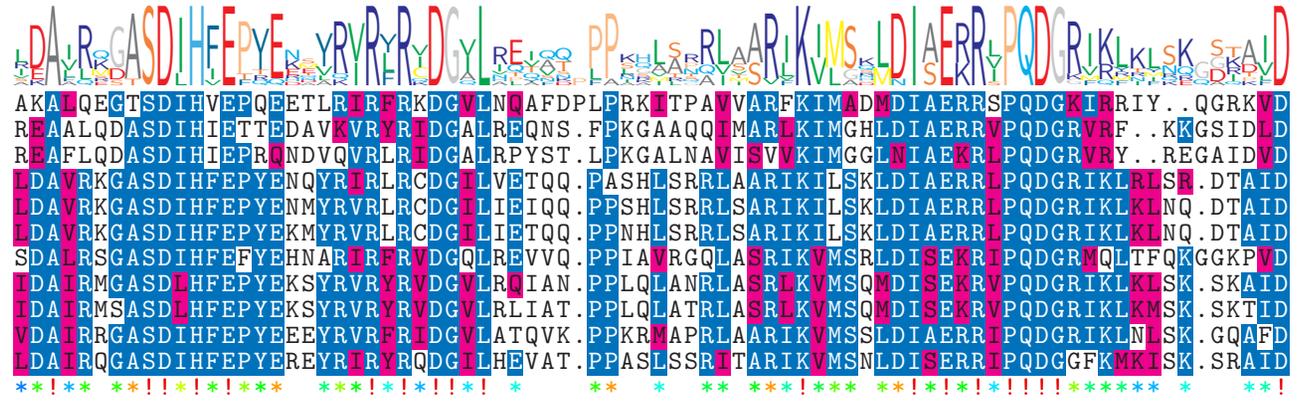
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 151957 WM2015 RS09565 WP 049725830.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 151957 WM2015 RS09565 WP 049725830.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
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 NTDB id 151957 WM2015 RS09565 WP 049725830.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 151957 WM2015 RS09565 WP 049725830.1	.....	574
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
consensus		

- non conserved
- similar
- $\geq 50\%$ conserved