

logo

		MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1028	TT RS08215 WP 011173991.1		
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL	79
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 84805	NK8 RS12010 WP 213226476.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus			

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		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1028	TT RS08215 WP 011173991.1		
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGA	157
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 84805	NK8 RS12010 WP 213226476.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus			

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		SGEGQKDLKLGELLKQGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAA	237
NTDB id 1028	TT RS08215 WP 011173991.1		
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 84805	NK8 RS12010 WP 213226476.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	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 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTLSR	317
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 84805 NK8 RS12010 WP 213226476.1	.....	0
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 1251 GC085 RS07725 WP 011946523.1	.....	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 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEIIVELGLARPEDVEEALQKQRRGGGRIEDTLVQS..GKLRPEALAAQ.....VATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDEVDASLQKQNVGGGRIEDTLVQS..GKLSPEMLARS.....LAAQL	388
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	6
NTDB id 1355 HI 0298 AAC21962.1	.....	10
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	10
NTDB id 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPELRLQYKKNQLFELKVLV	83
NTDB id 84805 NK8 RS12010 WP 213226476.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVAIIRLQAEIISATQEAVVTQVSASGTSVPEALLLEL..SIFHAQELTEQ.....LSHIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILITFSQEESELEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVF	57
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLSTILRQKGLITFSQEESELEQVKASGISMPEALLSS..GFFTSSSELAEH.....LSSIF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVTVEQAQEHYY.NESQAGKEVLPMLFSD..GVISPKSLAAL.....IARVF	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKN..KILSAEQIALT.....AAQNF	65
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....MSALHTSPKFTGFRRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEE..VHLSPLSLAET.....ISAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQAIEKAKKFKQDIVPYLIDN..FSISPLTIAEI.....LSLEF	65
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NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNIALALDDVRLALKRKGGLNYEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPDP....KVALMPEATARRVYVVPVRLQ...GNSLVVAMKDPRNVFALDDIKLITG....KEILPA	455
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.CEQQTERIFDISPSR...WQKNCEEKQLLLRRLAVPVQET...EHKLWLAVDDENNLTAEIF...AFMTH..KQIEPV	74
NTDB id 1355 HI 0298 AAC21962.1	RVTAKNGEVFTISPDL...WERNQQQSLLLRYFALPLKEE...NNRLWLGVDLSLSNLSACETI...AFITG..KPVEPI	79
NTDB id 1366 NTHI RS01950 WP 011271972.1	RVTAKNGEIFTISPDL...WERNQQQSLLLRYFALPLKEE...NNRLWLGVDLSLSNLSACETI...AFITG..KPVEPI	79
NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKG...FELRRL	161
NTDB id 84805 NK8 RS12010 WP 213226476.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLRSYDYAN....LCQQIGLRELIITRYDALPIAKQ...GNLILLAVSDPTLLQAEEEF...RFATG..LQVELA	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYAYAS....LCQTLGLRLDITRHNALPLNRT...SSTLILAVADPTNLQAEDDF...RFATG..LQVELV	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYAYAS....LCQQIGLRELIITRHNALPLNRT...SSTLILAVADPTNLQAEDDF...RFATG..LQVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPHRR....VLMGVLTEEQMVFEHCVVFR...GDKVFFAVSDPTQMPQIQKT...VSAAG..IAVELV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDPSKQASLKETI...QFHTG..LNTHAI	132
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTSQ....IPKDLVDQKLLIKHRIPLIQR...GQILYVATSNSPSNIEAIDAI...RFNSK..LLVEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPAL....FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATSNSPTNIEAMDAI...RFNSK..LKVEPI	132
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NTDB id 1028 TT RS08215 WP 011173991.1	EMRAKRKRSALTCRRTCAAELQQEWLDCPYCMTSRFS	889
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	461
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKRSALTCRRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 84805 NK8 RS12010 WP 213226476.1	.....	405
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 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

X non conserved
X similar
X ≥ 50% conserved