

logo

		MSXLTIGDRRLGAALLDAGYLDNQLRALERHREEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1410	SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1028	TT RS08215 WP 011173991.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLDISGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 344979	EWA64 RS05840 WP 061895188.1	.....	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 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus		0

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		RLRRAKELRAIPFALDEEAGVVRVAVFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVP...P	0
NTDB id 1410	SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAVFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVP...P	158
NTDB id 1028	TT RS08215 WP 011173991.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 344979	EWA64 RS05840 WP 061895188.1	.....	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 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus		0

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		SGEGQKDLKLGELLKQGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	0
NTDB id 1410	SGL RS13950 WP 010873519.1	SGEGQKDLKLGELLKQGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	237
NTDB id 1028	TT RS08215 WP 011173991.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 344979	EWA64 RS05840 WP 061895188.1	.....	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 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 010873519.1MTS	3
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 344979 EWA64 RS05840 WP 061895188.1	.....	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 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 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKL VAGGHV DAEQLRQAL VQVKKTGRSL PEELKAVTGRELSPEL LRQYKKNQLFEL KVLVY	83
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPL GETL LVELGLARPEDVEEAL QKQRRGGRIEDTLVQ..SGKLRPEALAQ.....AVATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPL GEVITELGFASPDEVDSAL QKQNVGGRIEDTLVQ..SGKLSPEMLAR.....SLAAQL	388
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....MTS..YALLHTQRVTA.....QNGEIF	20
NTDB id 1355 HI 0298 AAC21962.1	.....MTS..YALLHTQRVTA.....KNGEVF	20
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVA I LRQAEL I SATQEAVV TQVSASGTSV PEALLE..LSIFHAQELTE.....QLSHIF	57
NTDB id 344979 EWA64 RS05840 WP 061895188.1	.....MLTSLTTV LRQATL I SPTQEAC I EHLNASGASAPEV LLQ..LQFFQAEELTE.....HLSVLF	57
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLS T I LRQKGL I TFSQEE S I EQVKASGISMPEALLS..SGFFTSSSELAE.....HLSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLST V LRQAGIL TFSQEE S I LEQVKASGISMPEALLS..SGFFQSHELTE.....HLSSVF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRIL VQNQVV TVEQAEHYY..NESQAGKEVLPMLFS..DGVISPKSLAA.....LIARVF	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....MALATEEYRLQG I GQLLVLEKLLDKTKAIELHKLAAA EKISLLQYIVK..NKILSAEQIAL.....TAAQNF	65
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....MSALHTSPKFTGFRRLLVEEKH V SAATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAE.....TISAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1MSAFTTPPKFSGFIRRLVEEGY V NAQNMQQA I EKAKKFKQDI V P YL I D..NFSISPLTIAE.....IISLEF	65
consensus	65

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NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAE I IGRFFPLDTCRRFKFL PLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRL	161
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPDP....GAPL I LPED L CRRYGVFPHRLE...GNRLVLLMKDPRNILALDDVRLALKRKGLNVEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPDP....KVALM IPEATARRV V V P VRLQ...GNSLVVAMKDPRNVFALDDLKLITG.....KEILPA	455
NTDB id 1366 NTHI RS01950 WP 011271972.1	TIS.....PDL....WERNQQQS L I LRYFALPLKEE...NNRLWLGVDLSNLSACETIAFITG.....KPVEPI	79
NTDB id 1355 HI 0298 AAC21962.1	TIS.....PDL....WERNQQQS L I LRYFALPLKEE...NNRLWLGVDLSNLSACETIAFITG.....KPVEPI	79
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETD ILSRYDIAN....LCQQLGLREL I TRYDALP I AKQ...GNL L L L V A S D P T N L Q A E E F R F A T G.....LQVELA	124
NTDB id 344979 EWA64 RS05840 WP 061895188.1	DLPPV ELSHYGYQS....VCNQLGLREL I TRHQALPLQKN...RSALILASADPTNLQAEDDFRFATG.....LQVEMV	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYAS....LCQQLGLREL I TRHNALPLHRT...PSTLLLAVADPTNQQAEDDFRFATG.....LQVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYAS....LCQTLGLRLD I TRHNALPLNRT...SSTLILAVADPTNLQAEDDFRFATG.....LQVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILD I RHYPRHR....VLMGVLTEEQMV E F H C V P V FRR...GDKVFFAVSDPTQMPQIKTVSAAG.....I AVELV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLD I NCIDVGT....IPVNLVNEK I LKRHAMVPLFSR...GTNLYLATDPSKQASLKEITQFHTG.....LNTHAI	132
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFD I DVYDTSQ....IPKDLVDQK I LKHRILPLIQR...GQILYVATSNPSNIEAIDAIRFNSK.....LLVPEV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLD I LGVDPAL....FLKDKIDEK I LQKYRI M P L VHR...GHVLYVATSNPTNIEAMD I R F N S K.....LKVPEI	132
consensus	132

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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 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 344979 EWA64 RS05840 WP 061895188.1	.....	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 GCO85 RS07725 WP 011946523.1	.....	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

 non conserved
 similar
 ≥ 50% conserved