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NTDB id 1306	DR	RS10060	WP	027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLDIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1028	TT	RS08215	WP	011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384	A4U84	RS08525	WP	010787006.1	.....	0
NTDB id 1142727	DQL17	RS03420	WP	005691826.1	.....	0
NTDB id 1355	HI	0298	AAC21962.1	.....	0	
NTDB id 1366	NTHI	RS01950	WP	011271972.1	.....	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 1018	ACIAD	RS01685	WP	004920473.1	0
NTDB id 1058	ABD1	RS01615	WP	001274986.1	0
consensus					0

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NTDB id 1306	DR	RS10060	WP	027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1028	TT	RS08215	WP	011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1384	A4U84	RS08525	WP	010787006.1	.....	0
NTDB id 1142727	DQL17	RS03420	WP	005691826.1	.....	0
NTDB id 1355	HI	0298	AAC21962.1	.....	0	
NTDB id 1366	NTHI	RS01950	WP	011271972.1	.....	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 1018	ACIAD	RS01685	WP	004920473.1	0
NTDB id 1058	ABD1	RS01615	WP	001274986.1	0
consensus					0

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NTDB id 1306	DR	RS10060	WP	027479822.1	SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028	TT	RS08215	WP	011173991.1	SGEGQKDKLKGELLQKQGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSSAA	237
NTDB id 1384	A4U84	RS08525	WP	010787006.1	.....	0
NTDB id 1142727	DQL17	RS03420	WP	005691826.1	.....	0
NTDB id 1355	HI	0298	AAC21962.1	.....	0	
NTDB id 1366	NTHI	RS01950	WP	011271972.1	.....	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 1018	ACIAD	RS01685	WP	004920473.1	0
NTDB id 1058	ABD1	RS01615	WP	001274986.1	0
consensus					0

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NTDB id	1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEGGVTVLTSDPRKRPDIDALIGRPVQMLTRPRDIERLIEQFYPQGRGLGELVQEGTLSR	317
NTDB id	1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id	1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id	1142727 DQL17 RS03420 WP 005691826.1	.....	0
NTDB id	1355 HI 0298 AAC21962.1	.....	0
NTDB id	1366 NTHI RS01950 WP 011271972.1	.....	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	1018 ACIAD RS01685 WP 004920473.1	0
NTDB id	1058 ABD1 RS01615 WP 001274986.1	0
consensus		0

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NTDB id	1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVTELGFASPDEVDSALQKQNVGGGRLEDTLVQSCKISPEMARSAAQLGYEFLDPIQ	397
NTDB id	1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEIVELGLARPEDVEEALQKQRRGGGRLEDTLVQSCKIRPEALAAQAVATQLGYPVVDPEE	397
NTDB id	1384 A4U84 RS08525 WP 010787006.1	.....	16
NTDB id	1142727 DQL17 RS03420 WP 005691826.1	.....	21
NTDB id	1355 HI 0298 AAC21962.1	.....	21
NTDB id	1366 NTHI RS01950 WP 011271972.1	.....	21
NTDB id	1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVAILRQAEELISATQEAVVTQVSASGTSVPEADLELSIFHAQELTEQISHIFGLPETDLRSLR	66
NTDB id	1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILTFSSQEESSLEEQVKASGISMPEALLSSGFFQSHETHEHSSVFGLSCTSLNQ	66
NTDB id	1293 VP RS12240 WP 005479695.1	.....MHSNLSTILRQKGLLTFSSQEESSLEEQVKASGISMPEALLSSGFFTSSELAEHSSVFGLSQPQLSQ	66
NTDB id	1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVTVQAEHYYNESQAGKEVLPMLFSDGVISPKSLAALIAVRFYSYILDLRH	65
NTDB id	1251 GCO85 RS07725 WP 011946523.1	.....MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYLVKNKILSAEQIALTAAQNFQVPMLDINC	74
NTDB id	1018 ACIAD RS01685 WP 004920473.1	.....MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVYLDNFSISPLTIAEISLEFGEPLLDLGV	74
NTDB id	1058 ABD1 RS01615 WP 001274986.1MSALHTSPKFTGFFRRILVEEKHVSAATMQTALDAAKRAKQDTPVAYLIEEVHISPSLLAETISAEFAEPYFDLDV	74
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NTDB id	1306 DR RS10060 WP 027479822.1	NPPDPKVALIPEATARRVYVVPVRLQGNLSLVAMKDFRNVFALDDKLLITG.....KEILPAVMAEKDIRLIERFYFGE	472
NTDB id	1028 TT RS08215 WP 011173991.1	DPPDPGAPLILPEDTCRRYGVFPHRLEGNRLVLLMKDPRNLLALDDVRLALKRKGGLNYEVAPAVATEAAITKLIERFYGK	477
NTDB id	1384 A4U84 RS08525 WP 010787006.1	ISPSRWQKNCEEKQLLLRYLAVPVQETEHKLLAVDDENMLTACEIFAFMTH.....KQTEPVVIVASDEIKYLDNAISPE	91
NTDB id	1142727 DQL17 RS03420 WP 005691826.1	ISPDLWERNQQQSSLLRLRYFALLKEENRLLWLVDSLSNLSACETIAFITG.....KPVEPILLESSQLKELLQQLTPR	96
NTDB id	1355 HI 0298 AAC21962.1	ISPDLWERNQQQSSLLRLRYFALLKEENRLLWLVDSLSNLSACETIAFITG.....KPVEPILLESSQLKELLQQLTPN	96
NTDB id	1366 NTHI RS01950 WP 011271972.1	ISPDLWERNQQQSSLLRLRYFALLKEENRLLWLVDSLSNLSACETIAFITG.....KPVEPILLESSQLKELLQQLTPH	96
NTDB id	1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEIEFRFATG.....LQVELALADHRAALQAAIRRLYGR	141
NTDB id	1401 DSB67 RS12665 WP 010643259.1	YEYASLCQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEEDFRFATG.....LQVELVLADFRELTAARRLYGR	141
NTDB id	1293 VP RS12240 WP 005479695.1	YEYASLCQQLGLRELITRHNALPLHRTPSTLILAVADPTNLQAEEDFRFATG.....LQVELVLADFRELSTARRLYGR	141
NTDB id	1110 NGFG RS09235 WP 003689817.1	YPRHRVLMGVLTEEQMVVHCVPVFRRGDKVFAVSDPTQMPQIQKTVSAAQ.....IAVELVIVEDDQLAGLDWVGSR	140
NTDB id	1251 GCO85 RS07725 WP 011946523.1	IDVGTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKEIQFHTG.....LNTHAIVVETDKLSALIDNLT	149
NTDB id	1018 ACIAD RS01685 WP 004920473.1	FDPALFLKDKIDEKLIQKVRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSK.....LKVEPIVEHDKLERLSEHFVE	149
NTDB id	1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDQKLLKRRILPLIQRGQILYVATSNPSNIEATDAIRFNSK.....LLVEPVIVEHDKLERLQGHFAE	149
consensus		.....

 non conserved
 similar
 $\geq 50\%$ conserved