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NTDB id 1306 DR RS10060 WP 027479822.1	MSXLSIGDRRLGAALLDQGYLGDNDLQRALERHSEVGGRLADVLDIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
NTDB id 1355 HI 0298 AAC21962.1		0
NTDB id 385838 F1539 RS05375 WP 013525533.1		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 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDLRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
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consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVL	237
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKQWISREALEEALVEQEKTDGDLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1384 A4U84 RS08525 WP 010787006.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	0
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consensus		0

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NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFQSQEESLIEQVKASGISMPEALLSSGFFTSSSLAEHLSSIFGLSQPELSQ	66
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHYY.NESQAGKEVLPMFLSDGVISPKSLAALIARVFSYSILDLRH	65
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAQNFQVPMMLDINC	74
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDNFSISPLTIAEITISLEFCEPLLDLGV	74
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEPYFDLDV	74
consensus	*.....*	

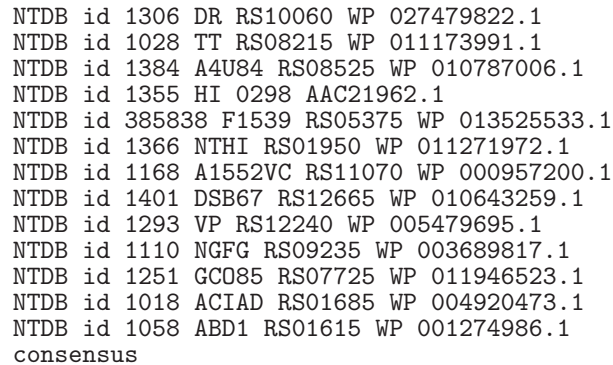
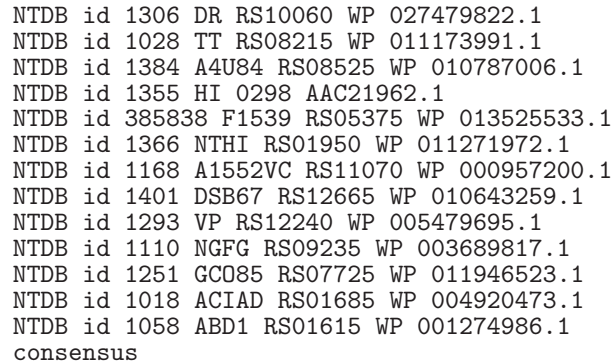
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NTDB id 1028 TT RS08215 WP 011173991.1	DPPDPGAPLILPEDLCRRYGVPFHRLEGNRLVLLMKDPRNIALALDDVRLALKRKGLNVEVAPAVATEAAITKLIERYFGK	477
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTH.....KPVEPILLESSQLKELLQQLTPN	91
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NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDWLERNQQQQLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITG.....LQVELALADHRAALQAATIRRLYGR	141
NTDB id 1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEFEFRFATG.....LQVELVLADFRELTAATIRRLYGR	141
NTDB id 1401 DSB67 RS12665 WP 010643259.1	YEYASLCQTLGLRDLITRHNAIPLNRTSSTLILAVADPTNLQAEDDFRFRATG.....LQVELVLADFRELSTAIRRLYGR	141
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NTDB id 1110 NGFG RS09235 WP 003689817.1	YPRHRVLMGVLTEEQMVVEFHCVPVFRRGDKVFFAVSDPTQMPQIQKTVSAAG.....IAVELVIVEDDQLAGLLDWVGRS	140
NTDB id 1251 GC085 RS07725 WP 011946523.1	IDVGTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPPSKQASLKEITQFHTG.....LNTHAIVVETDKLSALIDNLLTA	149
NTDB id 1018 ACIAD RS01685 WP 004920473.1	FDPALFLDKIDKELIQLKIRIMPLVHRGHVLYATNSPTNIEAMDAIRFNSK.....LKVEPIIVEHDKLIERLLSEHFVE	149
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDQKLILKHRIIPLIQRGQILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVEHHKLEKVLGQHFAE	149
consensus	* ** * ! * * * * * * * * * * * * * * * * * * *	

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NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1028	TT	RS08215	WP	011173991.1
NTDB	id	1384	A4U84	RS08525	WP	010787006.1
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NTDB	id	1366	NTHI	RS01950	WP	011271972.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
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NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1028	TT	RS08215	WP	011173991.1
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NTDB	id	1355	HI	0298	AAC21962.1	
NTDB	id	385838	F1539	RS05375	WP	013525533.1
NTDB	id	1366	NTHI	RS01950	WP	011271972.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
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NTDB	id	1306	DR	RS10060	WP	027479822.1
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NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
consensus						



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 non conserved
 similar
 $\geq 50\%$ conserved