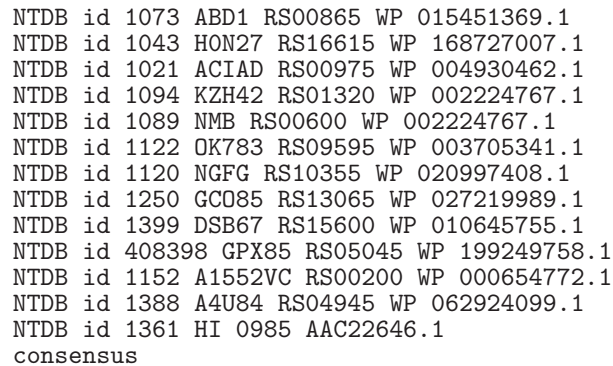
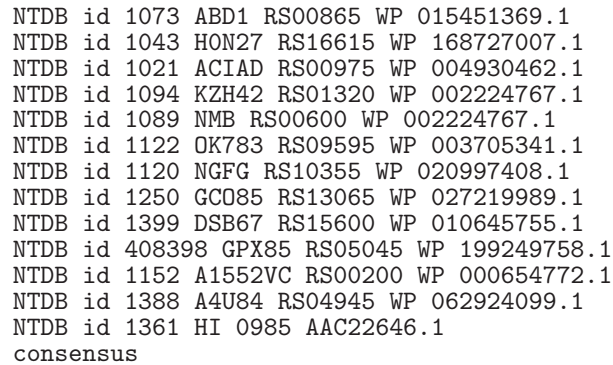


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NTDB id 1073 ABD1 RS00865 WP 015451369.1
NTDB id 1043 HON27 RS16615 WP 168727007.1
NTDB id 1021 ACIAD RS00975 WP 004930462.1
NTDB id 1094 KZH42 RS01320 WP 002224767.1
NTDB id 1089 NMB RS00600 WP 002224767.1
NTDB id 1122 OK783 RS09595 WP 003705341.1
NTDB id 1120 NGCF RS10355 WP 020997408.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
NTDB id 408398 GPX85 RS05045 WP 199249758.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1361 HI 0985 AAC22646.1
consensus

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NTDB id 1073 ABD1 RS00865 WP 015451369.1	VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIITIEDIALPTQWQSQQQNQT....EE	311
NTDB id 1043 HON27 RS16615 WP 168727007.1	VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIITIEDIALPTQWQSQQQNQT....EE	311
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NTDB id 1094 KZH42 RS01320 WP 002224767.1	VEAALESGLSITARLAAEMGREVMVPGSIDNPHSKGCHKLKIDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEK	313
NTDB id 1089 NMB RS00600 WP 002224767.1	VEAALESGLSITARLAAEMGREVMVPGSIDNPHSKGCHKLKIDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEK	313
NTDB id 1122 OK783 RS09595 WP 003705341.1	VEAALESGLSITAGLAAEMGREVMVPGSIDNPHSKGCHKLKIDGAKLVECLDDILNECPGLLQNTGASSYSINKDTPDT	313
NTDB id 1120 NGFG RS10355 WP 020997408.1	VEAALESGLSITAGLAAEMGREVMVPGSIDNPHSKGCHKLKIDGAKLVECLDDILNECPGLLQNTGASSYSINKDTPDT	313
NTDB id 1250 GC085 RS13065 WP 027219989.1	IEAAIKSGSLITARMALAEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVDELKIEHHQFTSN.....	296
NTDB id 1399 DSB67 RS15600 WP 010645755.1	VEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNLIQNGACLVQNTQEVLNEIQSLLDWSINQS.....	300
NTDB id 408398 GPX85 RS05045 WP 199249758.1	VEAAEKSGSLITARYAIEQGRDVFVIPGPITSTNSQGSNQLIRQGACLVQTVEDILAEVENLLNWCKDSP.....	301
NTDB id 1152 A1552VC RS00200 WP 000654772.1	VEAAEKSGSLITARYAAEQGREVFVPGSIFNAASQGSNQLIRQGACLVQSVQQIHHQELKNALTWSLSEQ.....	298
NTDB id 1388 A4U84 RS04945 WP 062924099.1	IEATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLKIEGALLVENVEDILEATAWQRQSVHIQPSL.FDTKP..	303
NTDB id 1361 HI 0985 AAC22646.1	VEATEKSGSLITARYALEQNREVFVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAVP	305
consensus	*!!!!*****!!*****!***** * * !** !***** !** ***** ** *	

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NTDB id 1073 ABD1 RS00865 WP 015451369.1	AN...TNTPEIREHLIDLYQSLDWVGQNIQDLVVHNNIPVSELTSSLMELELLGLCMQQSGLYLR	373
NTDB id 1043 HON27 RS16615 WP 168727007.1	TN...TNTPEIPEHLIDLYQSLDWVGQNIQDLVVHNNIPVSELTSSLMELELLGLCMQQSGLYLR	373
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NTDB id 1089 NMB RS00600 WP 002224767.1	RITAVQTASDQLSLPEGKMPSEKTENRPVGGSIIDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSSVAAMPGGRYQ	393
NTDB id 1122 OK783 RS09595 WP 003705341.1	GRRAVQTAY..APPPAAKMPSEGAAGGTAVGGIILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSSVAAMPGGRYQ	391
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NTDB id 1250 GC085 RS13065 WP 027219989.1	KPIFSL....ASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVTAVPGGYIR	356
NTDB id 1399 DSB67 RS15600 WP 010645755.1	LDLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIR	365
NTDB id 408398 GPX85 RS05045 WP 199249758.1	SSTQGEFLFCCPNDEEQLPFPPELLANVGVEATPVDILASRTNIPVQEVMMQLLELELLGHVVAVSGGYIR	370
NTDB id 1152 A1552VC RS00200 WP 000654772.1	VPYQATLFSAVQSDEELPFPPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIR	367
NTDB id 1388 A4U84 RS04945 WP 062924099.1	KQAVKSEPKFAKNLPILTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLLELLGVVKQVRGGYVI	374
NTDB id 1361 HI 0985 AAC22646.1	NYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIIDDLAEFNLISVDVLLVQLLDLELQDLIIISENGLYKR	372
consensus	* ** **** *! ** ***** ** !****!	

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NTDB id 1073 ABD1 RS00865 WP 015451369.1	CRS...	376
NTDB id 1043 HON27 RS16615 WP 168727007.1	CRS...	376
NTDB id 1021 ACIAD RS00975 WP 004930462.1	CRSPY.	383
NTDB id 1094 KZH42 RS01320 WP 002224767.1	RIRT..	397
NTDB id 1089 NMB RS00600 WP 002224767.1	RIRT..	397
NTDB id 1122 OK783 RS09595 WP 003705341.1	RIRT..	395
NTDB id 1120 NGFG RS10355 WP 020997408.1	RIRT..	395
NTDB id 1250 GC085 RS13065 WP 027219989.1	CEYER.	361
NTDB id 1399 DSB67 RS15600 WP 010645755.1	KGRG..	369
NTDB id 408398 GPX85 RS05045 WP 199249758.1	KGRGKL	376
NTDB id 1152 A1552VC RS00200 WP 000654772.1	KGRG..	371
NTDB id 1388 A4U84 RS04945 WP 062924099.1	T.....	375
NTDB id 1361 HI 0985 AAC22646.1	V.....	373
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved