

NTDB	id	1041	HON27	RS14740	WP	005124713.1	MQY...S	MR	FW..KNKYFLLIM	ML	CLG.VISPSV	CA	QSF	QDNFQEWKAKQ	QMYDQKLNITKSSHSNGSKISQTKN	68		
NTDB	id	1014	ACIAD	RS13855	WP	004924483.1	MS	IR	HFFT...FFWATLL	..TL	F	SMQIVFA	Q	GFDQDYDAWK	TQQKAH	TRLN	SSASHHSLSKPT....Q	60
NTDB	id	1242	Cj0011c	YP	002343483.1													
NTDB	id	1127	NGFG	RS10560	WP	003703428.1												
NTDB	id	1126	NGFG	RS09375	WP	003703428.1												
NTDB	id	1125	NGFG	RS07215	WP	003703428.1												
NTDB	id	1108	NGFG	RS06525	WP	003703428.1												
NTDB	id	1150	A1552VC	RS08580	WP	001166105.1	MQ											
NTDB	id	1159	ABDM36	RS04765	WP	001166105.1	MQ											
NTDB	id	1395	DSB67	RS04445	WP	010649155.1												
NTDB	id	1294	VP	RS04495	WP	021449594.1												
NTDB	id	1362	HI	1008	AAC22669.1													
NTDB	id	1382	A4U84	RS07375	WP	062924234.1												
consensus								**		*		**		*		*	*	

NTDB id	1041	HON27	RS14740	WP	O05124713.1	FNDSTGQTHLNQANVNEFQQ.LKGVGEKKQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL.....	136
NTDB id	1014	ACIAD	RS13855	WP	O04924483.1	QSGTGVKVNINSATAKEELQQ.LHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIETKNRDRLAI.....	128
NTDB id	1242	Cj0011c	YP	O02343483.1		TAFLLFGAVNINTATLKLKLS.LNGIGEAKAKAILEYRKE.ANFSTSDDLKKVKGIGDKLFKEIKNDITIE.....	79
NTDB id	1127	NGFG	RS10560	WP	O03703428.1	CAFSLAAVNINAASQQEELA.LPGIGPAKAKAIAEYRAQNAGFKSVDDLKVKVGIPAVLAKLKDQASVGAPAPKGPAPK	124
NTDB id	1126	NGFG	RS09375	WP	O03703428.1	CAFSLAAVNINAASQQEELA.LPGIGPAKAKAIAEYRAQNAGAFKSVDDLKVKVGIPAVLAKLKDQASVGAPAPKGPAPK	124
NTDB id	1125	NGFG	RS07215	WP	O03703428.1	CAFSLAAVNINAASQQEELA.LPGIGPAKAKAIAEYRAQNAGAFKSVDDLKVKVGIPAVLAKLKDQASVGAPAPKGPAPK	124
NTDB id	1108	NGFG	RS06525	WP	O03703428.1	CAFSLAAVNINAASQQEELA.LPGIGPAKAKAIAEYRAQNAGAFKSVDDLKVKVGIPAVLAKLKDQASVGAPAPKGPAPK	124
NTDB id	1150	A1552VC	RS08580	WP	O01166105.1	EEGIVITVNINTASABELATLLKIGIGLKKQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNNAARILL.....	103
NTDB id	1159	ABDM36	RS04765	WP	O01166105.1	EEGIVITVNINTASABELATLLKIGIGLKKQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNNAARILL.....	103
NTDB id	1395	DSB67	RS04445	WP	O10649155.1	YEGIEITVMVNSATAQEATATLLIGIGEKKAQDIVYRNEHGPFKTAADLTNKVGIGEATVRKNEDRILL.....	95
NTDB id	1294	VP	RS04495	WP	O21449594.1	YEGIEITVNINTASABELATMLKIGIGEKKASIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.....	94
NTDB id	1362	HI	1008	AAC22669.1		PAVVSDKLNINTATASEITQKSLTGIGAKKAEAIVGYREKHGNFXNAEQLLLEVQGIGKATLEKNRDRIF.....	112
NTDB id	1382	A4U84	RS07375	WP	O62924234.1	QKVNANVNVNINTASAEIQDKLVGIGAKKAQAVEYREKNGKFLNVEQLTEVSIGIGKATLEKNRDCIVIE.....	113
consensus							***!?!?*

NTDB	id	1041	HON27	RS14740	WP	005124713.1		136
NTDB	id	1014	ACIAD	RS13855	WP	004924483.1		128
NTDB	id	1242	Cj0011c	YP	002343483.1			79
NTDB	id	1127	NGFG	RS10560	WP	003703428.1	VLPVKK	131
NTDB	id	1126	NGFG	RS09375	WP	003703428.1	VLPVKK	131
NTDB	id	1125	NGFG	RS07215	WP	003703428.1	VLPVKK	131
NTDB	id	1108	NGFG	RS06525	WP	003703428.1	VLPVKK	131
NTDB	id	1150	A1552VC	RS08580	WP	001166105.1		103
NTDB	id	1159	ABDM36	RS04765	WP	001166105.1		103
NTDB	id	1395	DSB67	RS04445	WP	010649155.1		95
NTDB	id	1294	VP	RS04495	WP	021449594.1		94
NTDB	id	1362	HI	1008	AAC22669.1			112
NTDB	id	1382	A4U84	RS07375	WP	062924234.1		113
consensus								

 non conserved
 similar
 $\geq 50\%$ conserved