

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	TFDQALYQLVVDKTISEQDALHSA	ADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB	id	1203	PSJM300	01605	AFN76401.1		TFDQALYNLYVQGEITYEDALLHADSSNDLRMLIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381	
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRRERMSEMER.....KMTFDQGRRNLK.....	383	
NTDB	id	1307	DR	RS10055	WP	01088596.1	TMDAYLAGLFRRHLITPYDKCLERAIDPKFEFARLANDASAGL....GGASMPAAPPVPAYNSASSSSTGRGGDFGRGAAA	395	
NTDB	id	1116	NFGF	RS10615	WP	003690200.1	TMDQSLQSLVRQGLIAPEAAARRRAQNSESMSF.....	347	
NTDB	id	1086	NMV	RS00245	WP	002218487.1	TMDQSLQSLVRQGLIAPEVARRRRAQNSESMSF.....	347	
NTDB	id	1185	GTF74	RS11940	WP	000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345	
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345	
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	TLDQHLTELVNKNIIISKHTAHEAAALNKSLF.....	344	
NTDB	id	1259	GC085	soil367	RS010305	WP	010947729.1	TLDQHLTELVNKNIIISKHTAHEAAALNKSLF.....	344
NTDB	id	303286	soil367	RS01835	WP	136546360.1	TLDQCLLGLIQKLITREAAAKAKAKMPDNF.....	344	
NTDB	id	1202	PSJM300	01600	AFN76400.1		TLDSCCLKGLLAKGLISRDSAKEKAQKPENF.....	344	
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1	TLDMCLKGLVAKGLISRAREKAKIPENF.....	344	
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	TLDQSLKQLLAKGIINLPATARAVAKSPESF.....	344	
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQPESFL.....	345	
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345	
NTDB	id	1040	HON27	RS13360	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345	
consensus							!*** * !* **** * *		

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	.....	368
NTDB	id	1203	PSJM300	01605	AFN76401.1	.....	381	
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	.....	383
NTDB	id	1307	DR	RS10055	WP	010888596.1	PATPAAPAAGRSEPGRAGGFGRR	418
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	.....	347
NTDB	id	1086	NMV	RS00245	WP	002218487.1	.....	347
NTDB	id	1185	GTF74	RS11940	WP	000350195.1	.....	345
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	.....	345
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	.....	344
NTDB	id	1259	GCO85	RS10305	WP	010947729.1	.....	344
NTDB	id	303286	soil367	RS01835	WP	136546360.1	.....	344
NTDB	id	1202	PSJM300	01600	AFN76400.1	.....	344	
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1	.....	344
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	.....	344
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	.....	345
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	.....	345
NTDB	id	1040	HON27	RS13360	WP	000355489.1	.....	345
consensus								

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved