

NTDB	id	583	DLJ51	RS09560	WP	002962590.1	MYN	K	V	I	L	I	G	R	L	T	A	A	P	E	M	V	K	T	P	S	N	K	S	V	T	H	I	T	L	A	V	N	R	R	F	K	T	Q	D	G	E	R	G	A	D	F	V	N	V	F	W	G	K	L	A	E	S	L	V	S	Y	A	G	K	G	S	L	V	S	L	D	G	E	I	R	T	R	H	Y	E	K	.	84		
NTDB	id	498	SM12261	RS01980	WP	000282464.1	MYN	K	V	I	M	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	K	L	A	E	S	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	526	SMSK321	RS08825	WP	000282440.1	MYN	K	V	I	L	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	R	L	A	E	T	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	158	SP	RS09595	WP	000282442.1	MYN	K	V	I	L	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	R	L	A	E	T	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	268	KZH43	RS08520	WP	000282467.1	MYN	K	V	I	M	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	R	L	A	E	T	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	227	SPD	RS09110	WP	000282467.1	MYN	K	V	I	M	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	R	L	A	E	T	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	193	SPR	RS08685	WP	000282467.1	MYN	K	V	I	M	I	G	R	L	T	S	T	P	E	L	H	K	T	N	N	D	K	S	V	A	R	A	T	I	A	V	N	R	R	Y	K	D	Q	N	G	E	R	E	A	D	F	V	N	M	V	L	W	G	R	L	A	E	T	L	A	S	Y	A	T	K	G	S	L	I	S	V	D	G	E	L	R	T	R	R	F	E	K	.	84	
NTDB	id	95281	QML92	RS06615	WP	000609607.1	M	I	N	N	V	V	L	V	G	R	M	T	R	D	A	E	L	R	Y	T	P	S	N	V	A	V	A	T	F	T	L	A	V	N	R	T	F	K	S	Q	N	G	E	R	E	A	D	F	I	N	V	M	W	R	Q	A	E	N	L	A	N	W	A	K	K	G	S	L	I	G	V	T	G	R	I	Q	T	R	S	Y	D	N	Q	.	85
NTDB	id	624	LCA	RS00040	WP	011373726.1	M	I	N	R	V	V	L	V	G	R	L	T																																																																									

[illegible]

NTDB id	Accession	Species	Strain	Year	Genotype	Phenotype
NTDB id 583	DLJ51	RS09560	WP	002962590.1	EEEELPF	131
NTDB id 498	SM12261	RS01980	WP	000282464.1	EEEELPF	131
NTDB id 526	SMSK321	RS08825	WP	000282440.1	EEEELPF	131
NTDB id 158	SP	RS09595	WP	000282442.1	EEEELPF	131
NTDB id 268	KZH43	RS08520	WP	000282467.1	EEEELPF	131
NTDB id 227	SPD	RS09110	WP	000282467.1	EEEELPF	131
NTDB id 193	SPR	RS08685	WP	000282467.1	EEEELPF	131
NTDB id 95281	QML92	RS06615	WP	000609607.1	SDDDLPF	156
NTDB id 624	LCA	RS00040	WP	011373726.1	SDDDLPF	170
NTDB id 113	BSU	40900	NP	391970.1	SDDDLPF	172
NTDB id 112	BSU	36310	NP	391512.2		113
consensus						*****

-  non conserved
-  similar
-  >50% conserved