

NTDB id 85	BSU 00860 NP 387967.1	P	S	L	A	R	G	E	L	Q	C	I	G	A	T	T	L	D	E	Y	R	K	Y	I	E	K	D	A	A	L	E	R	R	F	Q	P	I	I	Q	V	D	Q	P	S	V	D	E	S	I	Q	I	L	Q	G	L	R	D	R	Y	E	A	H	H	R	V	S	I	T	D	A	E	A	V	K	L	S	D	R	Y	I	S	D	R	F		
NTDB id 610	V4T04 RS10165 WP 012897346.1	P	A	L	A	R	G	D	F	Q	M	V	G	A	T	T	Y	H	E	Y	Q	K	Y	I	E	K	D	E	A	L	E	R	R	L	A	R	I	N	V	D	E	P	S	P	D	E	A	I	A	I	L	Q	G	L	R	E	K	F	E	D	Y	H	Q	V	K	F	T	D	Q	A	K	S	A	V	M	L	S	V	R	Y	M	T	S	R	K	
NTDB id 41721	SCSC RS00690 WP 006269705.1	P	A	L	A	R	G	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	Y	I	E	K	D	A	A	L	S	R	R	F	A	K	V	A	I	E	E	P	T	V	A	D	S	I	A	I	L	Q	G	L	K	K	T	Y	E	D	H	K	V	V	I	T	D	S	A	E	T	A	V	K	Y	A	Y	R	Y	L	T	S	R	K		
NTDB id 287	SP RS11210 WP 001109712.1	P	A	L	A	R	G	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	T	A	V	K	M	A	H	R	Y	L	T	S	R	H
NTDB id 290	KZH43 RS10025 WP 001109677.1	P	A	L	A	R	G	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	T	A	V	K	M	A	H	R	Y	L	T	S	R	H
NTDB id 289	SPD RS10700 WP 001109677.1	P	A	L	A	R	G	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	T	A	V	K	M	A	H	R	Y	L	T	S	R	H
NTDB id 377	SMU RS09275 WP 002262344.1	P	A	L	A	R	G	S	L	R	T	I	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	E	E	E	A	Y	Q	I	L	L	G	L	K	S	Y	E	T	Y	H	V	I	T	S	D	A	A	V	M	A	A	V	K	G	A	H	R	Y	L	S	G	K	N		
NTDB id 329	STU RS10020 WP 011225298.1	P	A	L	A	R	G	T	L	H	M	V	G	A	T	T	Q	A	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	I	T	I	E	E	P	S	V	S	E	A	D	I	L	N	G	L	S	S	Y	E	D	Y	H	R	V	T	I	T	D	A	A	V	E	T	A	V	K	A	A	H	R	Y	L	T	S	K	N		
NTDB id 297	STER RS00545 WP 011680614.1	P	A	L	A	R	G	T	L	H	M	V	G	A	T	T	Q	A	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	I	T	I	E	E	P	S	V	S	E	A	D	I																																					

[illegible][illegible][illegible]

[illegible]

NTDB id 85	BSU 00860 NP 387967.1	SDQLTKR	LKEQD	STELTD	AAKAK	VAEE	GVDLEY	GARPLRRAT	QKHVED	RLSELL	RCNTHK	CQHIV	LDVED	GEFVVKTTAKTN	810	
NTDB id 610	V4T04 RS10165 WP 012897346.1	SKSLIKR	LAEQD	THVKLT	PSAVKL	IAEVG	EDPEY	GARPLR	KALQ	KEVEDL	SEQLLS	SEIKAC	NHVSIG	ASNKKIK	IAQTV...	816
NTDB id 41721	SCSC RS00690 WP 006269705.1	VQPLISS	LAEKGI	KLKFQ	PSALKLLA	QEGYD	PEMGARPLRR	ILQTRVED	KLSELL	LAGELKT	GQSLKV	GVKAG	KLKFEVL		809	
NTDB id 287	SP RS11210 WP 001109712.1	VKPLVAS	LTEKGI	DKLQAS	ALKLLANQ	GYDPE	MGARPLRRTL	QTEVED	KLAELLK	CDLVAG	SLKIGV	KAGQ	LKF	DIA....	810	
NTDB id 290	KZH43 RS10025 WP 001109677.1	VKPLVAS	LAEKGI	DKLQAS	ALKLLANQ	GYDPE	MGARPLRRTL	QTEVED	KLAELLK	CDLVAG	SLKIGV	KAGQ	LKF	DIA....	810	
NTDB id 289	SPD RS10700 WP 001109677.1	VKPLVAS	LAEKGI	DKLQAS	ALKLLANQ	GYDPE	MGARPLRRTL	QTEVED	KLAELLK	CDLVAG	SLKIGV	KAGQ	LKF	DIA....	810	
NTDB id 377	SMU RS09275 WP 002262344.1	VAPLIAH	LADQGIT	LKFQ	PSALKHLA	LAGYD	AEMGARPLRRTL	QTEVED	KLAELLK	CDLVAG	SLKIGV	KAGQ	LKF	DIA....	813	
NTDB id 329	STU RS10020 WP 011225298.1	VKPLISA	LADKGIS	LKFQ	PSALKHLA	KDGYD	IEMGARPLRR	ITQ	QVEDK	LSSELL	GQVVS	GQTLKIG	C	SKDKLTFTTVV		816
NTDB id 297	STER RS00545 WP 011680614.1	VKPLISA	LADKGIS	LKFQ	PSALKHLA	KDGYD	IEMGARPLRR	ITQ	QVEDK	LSSELL	GQVVS	GQTLKIG	C	SKDKLTFTTVV		816
consensus		***!*	!*****	*****!	*****!	!*	!*!*!*!*	!*	!*!*!*!*	!*	!*!*!*!*	!*	!*!*!*!*	*****!	*****!	816

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