

NTDB	id	583	DLJ51	RS09560	WP	002962590.1	MYN	KV	I	L	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	V	E	K	.		84				
NTDB	id	498	SM12261	RS01980	WP	000282464.1	MYN	KV	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	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	KV	I	L	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	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	KV	I	L	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	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	KV	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	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	KV	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	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	KV	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	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	98748	R8624	RS06775	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	A	D	F	I	N	V	M	W	R	Q	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	R	D	V	D	L	R	Y	T																																																																		

NTDB id	583	DLJ51	RS09560	WP	002962590.1	DGQTHYVTEI I LQSFQLLESRAQRAL L RENN GASD		L TDLVL	124
NTDB id	498	SM12261	RS01980	WP	000282464.1	NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	526	SMSK321	RS08825	WP	000282440.1	NGQMNYVA E VLTGTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	158	SP	RS09595	WP	000282442.1	NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	268	KZH43	RS08520	WP	000282467.1	NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	227	SPD	RS09110	WP	000282467.1	NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	193	SPR	RS08685	WP	000282467.1	NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD		LADLVL	124
NTDB id	98748	R8624	RS06775	WP	000609607.1	QGGRVYVTEV V AENFQ M LES R S V REGHTGGAYSAPT	ANYSAPT...NSVPDFSRNENPF G .ATNP L D I	149	
NTDB id	624	LCA	RS00040	WP	011373726.1	QGGRVYVTEV V VDNF S LLESRTTTE Q R Q GDGA	SQNFNFSNQSNQS....SGFTSPQQTGNA P AANN T QA D PFAN N GQA D I	163	
NTDB id	113	BSU	40900	NP	391970.1	QGGRV F VTEV Q AESV Q FLE P KNGG G SGSG	GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRR N QGS F ND D PFANDGKP D I	165	
NTDB id	112	BSU	36310	NP	391512.2	EGVN V VYVTEV L ADTVRFMDPKPREKAAD		*****	113
consensus						*!*****!*!*****		*****	

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	SPR RS09110 WP 000282467.1	EEEELPF	131
NTDB id 193	SPR RS08685 WP 000282467.1	EEEELPF	131
NTDB id 98748	R8624 RS06775 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