

[illegible]

NTDB id 617	LCA RS06480 WP 011375001.1	.QTIY	LRL	ATV	GDF	FLNR	ESL	VIR	FI	YPI	GAI	YH	CD	Q	QIL	LA	Q	L	T	Q	M	S	R	Q	S	G	L	I	L	F	A	G	P	T	G	S	G	K	T	S	L	Y	H	L	A	Q	S	M	S	A	K	M	V	V	A	I	E	D	168																						
NTDB id 586	KW2 RS10855 WP 011836048.1	SSAKR	LRL	STV	G	D	F	E	G	N	E	S	L	V	I	R	L	L	H	D	Q	K	Q	E	L	F	W	F	D	.	D	K	.	L	Q	D	F	R	C	K	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	S	L	M	F	D	L	A	H	R	H	F	S	N	A	Q	V	I	T	E	D	165					
NTDB id 584	DLJ51 RS00890 WP 019777327.1	GETA	AL	R	L	S	T	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	F	D	R	K	E	L	K	F	W	F	D	.	G	N	L	A	L	P	K	I	G	R	G	L	Y	L	F	S	G	P	V	G	S	G	K	T	L	M	H	E	L	A	K	S	L	F	K	Q	V	I	T	E	D	169						
NTDB id 385	SMU RS09035 WP 002263435.1	G	K	V	I	S	R	L	S	S	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	F	S	G	R	H	D	L	K	F	W	F	N	.	S	M	D	L	I	N	E	I	K	R	G	L	Y	L	F	S	G	P	V	G	S	G	K	T	L	M	Y	Q	L	V	K	L	R	F	E	T	K	Q	V	I	T	E	D	167
NTDB id 394	FSA28 RS09405 WP 002291652.1	G	K	V	I	S	R	L	S	S	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	F	S	G	R	H	D	L	K	F	W	F	N	.	S	M	D	L	I	N	E	I	K	R	G	L	Y	L	F	S	G	P	V	G	S	G	K	T	L	M	Y	Q	L	V	K	L	R	F	E	T	K	Q	V	I	T	E	D	167
NTDB id 429	SGO RS09420 WP 012130942.1	.KETS	S	I	R	L	S	T	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	H	D	E	E	T	L	K	F	W	F	T	.	H	F	P	E	L	R	E	K	F	K	D	R	G	L	Y	L	F	S	G	P	V	G	S	G	K	T	L	M	H	Q	L	A	Q	L	K	F	K	Q	Q	V	M	S	I	E	D	166	
NTDB id 40167	SOR RS00830 WP 000249588.1	.KVS	S	L	R	L	S	T	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	M	N	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	L	M	H	E	L	A	K	S	L	F	K	Q	Q	V	M	S	I	E	D	166
NTDB id 500	SM12261 RS00945 WP 000249545.1	.KMA	S	L	R	L	S	T	V	G	D	Y	R	G	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	L	M	H	E	L	A	K	S	L	F	K	Q	Q	V	M</					

NTDB id 617	LCA RS06480 WP 011375001.1	P	E	I	V	A	P	E	F	L	Q	L	Q	V	N	D	N	A	G	L	S	Y	A	E	L	L	K	I	S	R	L	R	P	D	T	L	I	I	G	E	I	R	D	L	E	T	A	Q	Y	V	V	S	A	A	L	S	G	H	L	V	L	S	T	I	H	A	S	T	Q	G	V	A	R	L	L	D	L	G	I	S	E	L	253	
NTDB id 586	KW2 RS10855 WP 011836048.1	P	V	E	L	I	D	S	D	F	I	Q	L	Q	V	N	D	I	G	N	S	Y	D	E	L	I	K	L	S	R	H	R	P	D	L	L	I	V	G	E	I	R	D	Q	T	A	R	A	V	L	R	A	S	L	T	G	Y	T	V	F	S	T	I	H	A	S	V	K	G	V	V	Q	R	L	L	E	L	C	L	S	D	W	250	
NTDB id 584	DLJ51 RS00890 WP 019777327.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	G	M	T	Y	D	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	K	E	T	A	Q	A	V	I	R	A	S	L	T	G	I	R	V	F	S	T	V	H	A	K	S	I	P	G	V	A	R	M	L	E	L	G	V	S	D	254	
NTDB id 385	SMU RS09035 WP 002263435.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	D	M	T	Y	D	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	P	G	V	A	R	M	L	E	L	G	T	S	S	E	252
NTDB id 394	FSA28 RS09405 WP 002291652.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	D	M	T	Y	D	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	P	G	V	A	R	M	L	E	L	G	T	S	S	E	252
NTDB id 429	SGO RS09420 WP 012130942.1	P	V	E	I	K	Q	E	D	M	L	Q	L	Q	L	N	E	T	I	G	L	T	Y	E	S	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	R	L	L	E	L	G	V	S	E	251
NTDB id 40167	SOR RS00830 WP 000249588.1	P	V	E	I	K	Q	E	D	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	R	L	L	E	L	G	V	T	E	251
NTDB id 500	SM12261 RS00945 WP 000249545.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	R	L	L	E	L	G	V	S	E	251
NTDB id 270	KZH43 RS09265 WP 000249564.1	P	V	E	I	K	Q	D	D	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L</																												

logo

NTDB id 617 LCA RS06480 WP 011375001.1	ELRACLTGIAYQSLVTKDDVVQAH...YELLTGSDYFSKKE.....GGCDV.....	296
NTDB id 586 KW2 RS10855 WP 011836048.1	ELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKTENLYANGHLTATEAEREKISINQASKIDTTDGESFE	326
NTDB id 584 DLJ51 RS00890 WP 019777327.1	ELDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEEKIKD.....	315
NTDB id 385 SMU RS09035 WP 002263435.1	ELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.....	313
NTDB id 394 FSA28 RS09405 WP 002291652.1	ELQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEIEIED.....	313
NTDB id 429 SGO RS09420 WP 012130942.1	ELKIVLQGGICYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEAEKIRNQQAKTSY.....	319
NTDB id 40167 SOR RS00830 WP 000249588.1	ELAVVLQGVCYQRLIGGGGIVDFANKDFQEHQPTSWNAQIDQLLLKDGHITSLQAETEKISYS.....	313
NTDB id 500 SM12261 RS00945 WP 000249545.1	ELAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLLKDGHITSLQAETEKISYS.....	313
NTDB id 270 KZH43 RS09265 WP 000249564.1	ELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAQAKWNEQIDQLLLKDGHITSLQAETEKISYS.....	313
NTDB id 229 SPD RS09895 WP 000249564.1	ELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAQAKWNEQIDQLLLKDGHITSLQAETEKISYS.....	313
NTDB id 195 SPR RS09430 WP 000249564.1	ELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAQAKWNEQIDQLLLKDGHITSLQAETEKISYS.....	313
NTDB id 160 SP RS10380 WP 000249564.1	ELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAQAKWNEQIDQLLLKDGHITSLQAETEKISYS.....	313
consensus	*! **!*****!!*!***** **!***** **!***** **!***** **!***** **!*****	

- non conserved
- similar
- ≥ 50% conserved