

NTDB id	1250 GC085 RS13065 WP 027219989.1	. . MNNLQLPLLA LNRMKRIG PRI VIKLKQRPDLN LMFQLSSV D IEEAGLP SWLA QTIKNFDPDFI KTD LN WLS SSENHHI	78
NTDB id	599 KW2 RS05940 WP 021037268.1	. MITNF LFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQM . CQAQVQSIPNFIEQVKNQDVKL RADYK KFSS	72
NTDB id	525 SMSK321 RS06295 WP 000705298.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . ADISGCRNP AVFMERY FQIDDAHL EKEFKKI PS	73
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . ADISGCRNP AVFMERY FQIDDAHL SKEFQKFPS	73
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . ADISGCRNP AVFMERY FQIDDAHL SKEFQKFPS	73
NTDB id	192 SPR RS05715 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . ADISGCRNP AVFMERY FQIDDAHL SKEFQKFPS	73
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . ADISGCRNP AVFMERY FQIDDAHL SKEFQKFPS	73
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYE IYKLKKSGLTNQQVLAVLEYGENVDQELLGDI . A ISGCRNP AVFMERY FQIDDAHL EKEFKKFPS	73
NTDB id	40835 SCAZ3 RS10370 WP 003048466.1	. . MNHFE . LYKLKKA GLTNN NII RILD YQSKYQKSL SLRDM . AVVS CCQH PALFI ETYK QD VK KL KQEF N QFPS	71
NTDB id	407 SMU RS04605 WP 002262865.1	. . MDNFQ . LFLKLLKAGLTNLNIINIIDYEERTQKSL SLRDM . AVVSKNKPLIFMEHYKNLD SKALR KEFNRFPS	71
consensus		* * * * *	

NTDB	id	1250	GC085	RS13065	WP	027219989.1	L	T	W	D	S	P	Y	P	A	L	L	K	E	I	A	D	P	P	F	I	L	Y	A	K	G	E	L	S	A	L	T	Q	P	S	L	A	T	V	G	S	R	N	A	S	V	T	G	N	E	N	A	R	A	F	S	R	E	I	S	R	H	G	V	S	I	V	S	G	L	A	L	G	I	D	A	H	A	H	L	G	C	L	E	G		163	
NTDB	id	599	KW2	RS05940	WP	021037268.1	F	S	I	L	D	D	L	Y	P	E	R	L	R	E	I	Y	N	P	P	V	L	I	F	Y	Q	G	N	I	D	L	L	K	N	P	K	L	A	F	V	G	S	R	L	A	G	Q	S	G	I	K	S	V	Q	K	I	V	T	E	L	N	Q	.	S	F	T	I	V	S	G	L	A	K	G	I	D	T	A	S	H	L	S	A	I	K	T		156
NTDB	id	525	SMSK321	RS06295	WP	000705298.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	S	C	S	K	Q	G	A	K	S	V	E	K	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157	
NTDB	id	267	KZH43	RS05590	WP	000705306.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157
NTDB	id	226	SPD	RS05990	WP	000705306.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157
NTDB	id	192	SPR	RS05715	WP	000705306.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157
NTDB	id	157	SP	RS06205	WP	000705306.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157
NTDB	id	497	SM12261	RS05565	WP	000705318.1	F	S	I	L	D	D	C	Y	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	E	N	.	E	L	V	I	V	S	G	L	A	K	G	I	D	T	A	A	H	M	A	A	L	Q	N		157
NTDB																																																																																													

[illegible]

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NTDB id 1250 GC085 RS13065 WP 027219989.1	DVLAIPGSIHNP	333
NTDB id 599 KW2 RS05940 WP 021037268.1	DI	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	DI	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	DVFAIPGSI	282
NTDB id 226 SPD RS05990 WP 000705306.1	DVFAIPGSI	282
NTDB id 192 SPR RS05715 WP 000705306.1	DVFAIPGSI	282
NTDB id 157 SP RS06205 WP 000705306.1	DVFAIPGSI	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	DVFAIPGSI	282
NTDB id 40835 SCAZ3 RS10370 WP 003048466.1	DI	281
NTDB id 407 SMU RS04605 WP 002262865.1	DV	280
consensus	*****!*	

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1	VTSGLA	361
NTDB id 599 KW2 RS05940 WP 021037268.1	VTSGLA	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	VTSGLA	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	VTSGLA	282
NTDB id 226 SPD RS05990 WP 000705306.1	VTSGLA	282
NTDB id 192 SPR RS05715 WP 000705306.1	VTSGLA	282
NTDB id 157 SP RS06205 WP 000705306.1	VTSGLA	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	VTSGLA	282
NTDB id 40835 SCAZ3 RS10370 WP 003048466.1	VTSGLA	281
NTDB id 407 SMU RS04605 WP 002262865.1	VTSGLA	280
consensus		

- non conserved
- similar
- ≥ 50% conserved