

NTDB id	1250 GC085 RS13065 WP 027219989.1	. . MNNLQPLLA LNRMKRIG PRTVLKLQRWPDNLNMFQLSSV DLEEAGLP SWLAQTIKNFDPDFIKTDLNWLSSSENHHI	78
NTDB id	599 KW2 RS05940 WP 021037268.1	. MITNFD LFRWKKAGMTNLGVNKLLKFRRKYDRKISLRQM . . GQVAQVKVSIPNFIEQQYNQDVKKLRADYKKFS S	72
NTDB id	525 SMSK321 RS06295 WP 000705298.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . . ADISGCRNP AVFMERYFQIDDAHLEKEFKKIIP S	73
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYE IYKLKKSGLTNQQVLA VLEYGENVDQELLGDI . . AEISGCRNP AVFMERYFQIDDAHLEKEFKQFP S	73
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . . ADISGCRNP AVFMERYFQIDDAHLSEKFKQFP S	73
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . . ADISGCRNP AVFMERYFQIDDAHLSEKFKQFP S	73
NTDB id	192 SPR RS05715 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . . ADISGCRNP AVFMERYFQIDDAHLSEKFKQFP S	73
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELLGDI . . ADISGCRNP AVFMERYFQIDDAHLSEKFKQFP S	73
NTDB id	82844 H7676 RS04475 WP 031488274.1	. . MNHFE . . LYKLKKAGLTNKNILNILDYQKQKEKSLSLRDM . . AVVSGCKHP SHFI EAYKQLD IQLKIEFKQFP S	71
NTDB id	407 SMU RS04605 WP 002262865.1	. . MDNFG . . LFKLKKAGLTN LNILNIIDIYEERTQKSLSLRDM . . AVVSKNKKPLIFMEHYKNLD SKALRKEFNRFP S	71
consensus		* * * * *	*

NTDB	id	1250	GC085	RS13065	WP	027219989.1	L	T	W	D	S	P	Y	P	A	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	I	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	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	I	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	I	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	I	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	I	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	I	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																																																																																													

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NTDB id 1250 GC085 RS13065 WP 027219989.1	DVLAIPGSIHNP	ARGCHYL	LLQ	GAKLVT	SVADVL	DELKIE	HHQFT	SNKPI	IFSLAS	GKENLV	KFIG	FETTT	IDQI	IDRSGY	GMEQ	333
NTDB id 599 KW2 RS05940 WP 021037268.1	DIFAIPGNI	ADGTS	DGCNHL	IQGAKL	VYQA	QDILEE	YLYN	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	DVFAIPGS	ILDGL	SDGCHH	LIQEGAK	LVTSGQ	DVLA	AEFEF	.....	.....	.....	.....	.....	.....	.....	.....	282
NTDB id 82844 H7676 RS04475 WP 031488274.1	DIFAVPGN	ILDGKS	EGCLQL	IKEGAT	CVTSGM	DILSEY	.....	.....	.....	.....	.....	.....	.....	.....	.....	278
NTDB id 407 SMU RS04605 WP 002262865.1	DVFVVPGN	ILDGQS	EGCHHL	IQEGAK	CTTSGF	DILNEFN	F.....									280
consensus	*****!	*!*****	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	*****!	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	VTSGLAEELELKGAVIAVPGGYIRCEYER	361
NTDB id 599 KW2 RS05940 WP 021037268.1	.....	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	.....	282
NTDB id 82844 H7676 RS04475 WP 031488274.1	.....	278
NTDB id 407 SMU RS04605 WP 002262865.1	.....	280
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved