

NTDB id	1250 GC085 RS13065 WP 027219989.1	..MNNLQPLLA LNRMKRIGPRIVLKLQRWPDNLNMFQLSSV DLEEAGLP S WLQA TIKNFDPDFIKTDLNWLSSENHHI	78
NTDB id	599 KW2 RS05940 WP 021037268.1	.MITNFD....LFRWKKACMTNLGVNKLLKFRRKYDRKISLRQM..GQVAQVK SIPN FIEBQYKNQDVKKLRADYKKFS.....S	72
NTDB id	525 SMSK321 RS06295 WP 000705298.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGGDI..ADISGCRNP AVFMERYFQIDDAHLEKEFKKI P.....S	73
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKFPS	73
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKFPS	73
NTDB id	122 SPR RS05715 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKFPS	73
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKFPS	73
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYE....IYKLKKSGLTNQQVLAVLEYGENVDQELLGGDI..A B ISGCRNP AVFMERYFQIDDAHLEKEFQKFPS	73
NTDB id	125758 DP15 RS00105 WP 011054501.1	..MNHF...LYKLKKAGLTNKNILNILDYQKHQEKSLSLRDM..AVVSGCKHP SHFI EAYKQLD IQ LKMFEKQFP.....S	71
NTDB id	407 SMU RS04605 WP 002262865.1	..MDNFQ....LFKLKKAGLTNLNIIINIIDIYEERTQKSLSLRDM..AVVS SKNKPLIFMEHYKNLD SKALRKEFNRFPP.....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	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	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	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	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	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																																																																																						

NTDB id	1250	GC085	RS13065	WP	027219989.1	G	G	K	T	I	A	V	L	G	T	G	I	D	C	I	Y	P	R	R	H	L	K	L	A	E	Q	I	T	E	N	G	L	L	S	E	F	P	L	K	S	P	I	A	G	H	F	P	L	R	N	R	I	S	G	L	S	L	C	I	L	V	I	E	A	A	K	S	G	S	L	I	T	A	R	M	A	L	E	Q	N	R			
NTDB id	599	KW2	RS05940	WP	021037268.1	K	T	P	T	I	A	V	I	G	T	G	L	D	I	F	Y	P	L	E	N	R	K	I	Q	E	Y	L	A	K	Y	Q	L	V	L	S	E	Y	S	L	G	E	K	P	L	K	Y	H	F	P	E	R	N	R	I	I	A	G	L	S	R	G	V	V	V	E	A	K	L	R	S	G	S	L	I	T	C	E	R	A	L	E	E	G	R
NTDB id	525	SMSK321	RS06295	WP	000705298.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	S	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	267	KZH43	RS05590	WP	000705306.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	G	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	226	SPD	RS05990	WP	000705306.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	G	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	192	SPR	RS05715	WP	000705306.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	G	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	157	SP	RS06205	WP	000705306.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	G	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	497	SM12261	RS05565	WP	000705318.1	G	G	K	T	I	A	V	I	G	T	G	L	D	V	F	Y	P	K	A	N	K	R	L	Q	D	Y	I	G	N	D	H	L	V	L	S	E	Y	G	P	G	E	Q	P	L	K	F	H	F	P	A	R	N	R	I	I	A	G	L	C	R	G	V	I	A	E	A	K	M	R	S	G	S	L	I	T	C	E	R	A	M	E	E	G	R
NTDB id	125758	DP15	RS00105	WP	011054501.1	G	G	Q	T	I	A	I	T	G	T	L	D	R	F	Y	P	K	E	N	R	E	L	Q	T	F	L	G</																																																									

