

[illegible]

NTDB id	1250	GC085	RS13065	WP	027219989.1	ENHHILTWDSPLYPALKEIADPPFIYAKGELSALTQPSLAIIVGSRNA SVTGNENARAFSREISRHGVS IVSGLA LGID	153
NTDB id	599	KW2	RS05940	WP	021037268.1	 SFSILDDLYPERLREIYNPPVLI FYQGNI D LLKNPKL AFVGSRLAGQS GIKSV QK I VTEL NQ . SFT IVSGLAKGID	146
NTDB id	525	SMSK321	RS06295	WP	000705298.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSR SCSKQGA KSVEKI IQGLEN . ELVIVSGLAKGID	147
NTDB id	267	KZH43	RS05590	WP	000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLAKGID	147
NTDB id	226	SPD	RS05990	WP	000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLAKGID	147
NTDB id	192	SPR	RS05715	WP	000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLAKGID	147
NTDB id	157	SP	RS06205	WP	000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLAKGID	147
NTDB id	497	SM12261	RS05565	WP	000705318.1	 SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLAKGID	147
NTDB id	163793	AUQ45	RS04575	WP	002995009.1	 STSILD KHYPMALKEIYNPPVLLFF YQGNLD LLEKPK LAIVGSRRSSDTGVKS VRK ILKELGN . RFVIVSGLAR GID	145
NTDB id	407	SMU	RS04605	WP	002262865.1	 SL SILD KEYPLE LKN IYNPVLLF YQGD L DL LARPK LAVVGS RNA SQMGVA AVKK IIQDLSK . QFVIIISGLAR GID	145
consensus						* * * * *	

NTDB	id	1250	GC085	RS13065	WP	027219989.1	AH	AHL	C	L	E	G	G	K	T	I	A	V	L	G	T	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	T	I	A	G	H	F	P	L	R	N	R	I	T	S	G	L	S	L	C	I	L	V	I	E	A	A	I	K		233						
NTDB	id	599	KW2	RS05940	WP	021037268.1	T	A	S	H	L	S	A	I	K	T	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		226
NTDB	id	525	SMSK321	RS06295	WP	000705298.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	267	KZH43	RS05590	WP	000705306.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	226	SPD	RS05990	WP	000705306.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	192	SPR	RS05715	WP	000705306.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	157	SP	RS06205	WP	000705306.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	497	SM12261	RS05565	WP	000705318.1	T	A	A	H	M	A	A	L	Q	N	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		227
NTDB	id	163793	AUQ45	RS04575	WP	002995009.1	T	S	A	H	L	A	C	L	K	N	G	G	Q	T	I	A	I	G	T	G	L	D	R	F	Y	P	K	E	N	R	E	L	Q	T	F	L	G	K	N																																										

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NTDB id 407 SMU RS04605 WP 002262865.1
consensus

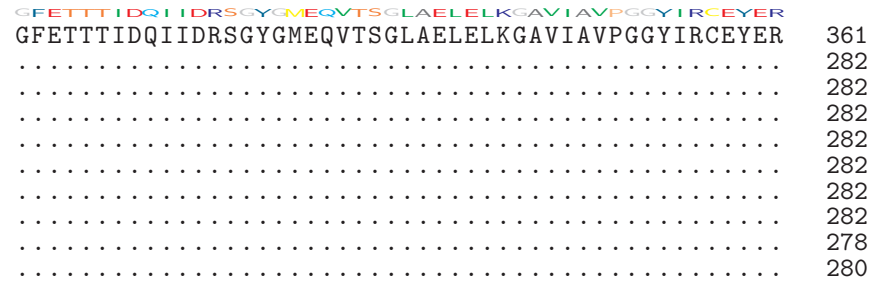
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consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved