

NTDB id 419	DQL23 RS10745 WP 060553298.1	MILKI	II	IA	FF	PT	II		QVV	SY	E	IF	HK	IK	M	Q	SK	K	I	D	I	K	F	I	G	L	F	F	S	I	V	F	G	S	I	S	SS	II	L	H	I	P	S	F	G	D	V	I	SS	I	F	H	Y	I	F	L	F	I	Q	P	L	I	F	Y	81									
NTDB id 416	SGO RS10505 WP 012131078.1	MIFT	II	LS	LF	P	V	II		QV	F	S	Y	D	F	F	Y	N	K	I	N	R	K	K	I	N	K	L	I	I	L	F	W	G	L	I	M	V	I	S	F	L	Y	S	I	L	F	L	L	P	D	Y	W	K	I	F	R	D	I	F	H	Y	I	F	L	L	I	Q	P	L	I	F	Y	81
NTDB id 486	SM12261 RS09375 WP 020902616.1	...	MD	FL	AV	L	V	V	I	L	H	I	F	I	S	K	S	Y	L		I	C	K	N	K	I	N	K	E	L	C	F	G	G	Y	T	L	V	E		S	V	F	E	L	S	F	Y	F	I	Y	L	D	G	L		G	I	E	K	F	L	F	P	L	V	L	Y	71					
NTDB id 514	SMX321 RS10615 WP 001048129.1	...	MN	L	F	G	V	L	V	I	V	F	L	I	I	S	H	S	Y	R	L		I	C	K	G	I	N	R	K	E	L	V	F	S	A	I	T	L	L	T	E		I	V	L	D	F	P	S	Y	L	L	H	D	D	L		G	I	V	K	F	L	F	P	L	V	L	Y	71			
NTDB id 42047	SPPN RS11290 WP 001048117.1	...	MN	L	F	G	V	T	I	V	H	F	L	I	I	S	H	S	Y	R	L		I	C	K	G	I	N	R	K	E	L	V	F	G	L	Y	T	L	L	V	E		A	V	L	E	S	F	Y	L	L	D	E	I		V	I	E	R	F	L	F	P	L	G	L	Y	71					
NTDB id 138	SP RS11430 WP 000364845.1	...	MD	L	L	G	F	G	T	V	I	V	H	F	L	I	I	S	H	S	Y	R	L		I	C	K	G	I	N	R	K	E	L	V	F	G	A	Y	T	L	L	T	E		I	V	L	E	F	S	F	Y	L	L	Y	L	D	K	I		G	I	E	R	F	L	F	P	L	G	L	Y	71
NTDB id 249	KZH43 RS10250 WP 000362880.1	...	MD	L	F	G	F	G	T	V	I	V	H	F	L	I	I	S	H	S	Y	H	F		I	C	K	G	I	N	R	K	E	L	V	F	G	A	Y	T	L	L	T	E		I	V	F	D	F	P	L	Y	I	L	Y	L	D	G	L		G	I	E	R	F	L	F	P	L	G	L	Y	71
NTDB id 208	SPD RS10925 WP 000362880.1	...	MD	L	F	G	F	G	T	V	I	V	H	F	L	I	I	S	H	S	Y	H	F		I	C	K	G	I	N	R	K	E	L	V	F	G	A	Y	T	L	L	T	E		I	V	F	D	F	P	L	Y	I	L	Y	L	D	G	L		G	I	E	R	F	L	F	P	L	G	L	Y	71
NTDB id 174	SPR RS10405 WP 000362880.1	...	MD	L	F	G	F	G	T	V	I	V	H	F	L	I	I	S	H	S	Y	H	F		I	C	K	G	I	N																																												

[illegible]

NTDB id 419	DQL23 RS10745 WP 060553298.1	NDLYNVNKS SYIVIHILLNI SHWFS ENAHLSNFASMIATIGFIMFLSTLFYLKSA RQHEKAKEIQKKKEEQRQLQLYTDEIVGLY	250
NTDB id 416	SGO RS10505 WP 012131078.1	NDLYNVNKS SYIVIHILLNI SHWFS ENAHLSNFASMIATIGFIMFLSTLFYLKSA RQYEKAKEIQKKKEEQRQLQLYTDEIVGLY	251
NTDB id 486	SM12261 RS09375 WP 020902616.1	PFLKKVFFALLLLH VVSFI SDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK E KMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 514	SMX321 RS10615 WP 001048129.1	PFL T KVFFALLLLHVSVSDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK D QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 42047	SPPN RS11290 WP 001048117.1	PFLKKVFFALLLLHVSVSDMVSTI K HLSNFGSILSSIVFISLLTFFAMNSHK E QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 138	SP RS11430 WP 000364845.1	PFLKKVFFALLLLHVSVSDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK V QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 249	KZH43 RS10250 WP 000362880.1	PFLKKVFFALLLLHVSVSDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK V QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 208	SPD RS10925 WP 000362880.1	PFLKKVFFALLLLHVSVSDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK V QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
NTDB id 174	SPR RS10405 WP 000362880.1	PFLKKVFFALLLLHVSVSDMVSTIKHLNSFGSILSSIVFISLLTFFAMNSHK V QMEKEIALKQKKFFEQKHLQNYTDEIVGLY	240
consensus		* * * * *	

[illegible]

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NTDB id 419 DQL23 RS10745 WP 060553298.1
NTDB id 416 SGO RS10505 WP 012131078.1
NTDB id 486 SM12261 RS09375 WP 020902616.1
NTDB id 514 SMSK321 RS10615 WP 001048129.1
NTDB id 42047 SPPN RS11290 WP 001048117.1
NTDB id 138 SP RS11430 WP 000364845.1
NTDB id 249 KZH43 RS10250 WP 000362880.1
NTDB id 208 SPD RS10925 WP 000362880.1
NTDB id 174 SPR RS10405 WP 000362880.1
consensus

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NTDB id 419 DQL23 RS10745 WP 060553298.1
NTDB id 416 SGO RS10505 WP 012131078.1
NTDB id 486 SM12261 RS09375 WP 020902616.1
NTDB id 514 SMSK321 RS10615 WP 001048129.1
NTDB id 42047 SPPN RS11290 WP 001048117.1
NTDB id 138 SP RS11430 WP 000364845.1
NTDB id 249 KZH43 RS10250 WP 000362880.1
NTDB id 208 SPD RS10925 WP 000362880.1
NTDB id 174 SPR RS10405 WP 000362880.1
consensus

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