

NTDB id 587 KW2 RS10850 WP 042211510.1	MQTDILRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGEVINFLALSKLVEKEFVFKMHQGLS	64
NTDB id 430 SGO RS09415 WP 012130941.1	MISFLQQDISILSKQKQKKLGTSKQKQVIELFNNLFSSGFHLAETVDFLGRSALLEKNYVQQMRQGLA	68
NTDB id 271 KZH43 RS09260 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLS	62
NTDB id 230 SPD RS09890 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLS	62
NTDB id 196 SPR RS09425 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLS	62
NTDB id 161 SP RS10375 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLS	62
NTDB id 529 SMSK321 RS09235 WP 080550783.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRDLS	62
NTDB id 501 SM12261 RS00950 WP 004238896.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRAGLS	62
NTDB id 20322 SMA 0093 CCF01384.1	MLKKTTLKVTNQSAGIQKLKVLKLTDISQLNKQKSKKLFPFKKQRKVQLFNNLFESGFNLTEIVSFLRRSQLLLDIYVERMQESLL	85
NTDB id 395 FSA28 RS09400 WP 257638827.1	MTFLQQDISLKEKHKQKKLKIKKQRKVQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGL	67
NTDB id 386 SMU RS09030 WP 255262721.1	MTFLQQDISLKEKHKQKKLKIKKQRKVQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGLL	67
consensus	* * * * *	

NTDB id 587	KW2 RS10850 WP 042211510.1	S	G	K	S	L	S	E	I	L	S	F	S	K	N	V	T	Q	L	A	L	V	E	V	H	G	N	L	V	G	T	M	Q	L	V	L	H	L	K	K	Q	L	K	V	K	K	K	L	I	E	V	A	T	P	V	V	L	L	V	F	L	I	G	I	M	W	G	L	K	N	Y	L	L	P	Q	L	D	K	G	N				
NTDB id 430	SGO RS09415 WP 012130941.1	N	G	Q	A	F	S	E	I	M	A	S	L	G	F	S	D	A	V	T	Q	L	S	L	A	E	L	H	G	N	L	S	L	A	L	L	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	M	M	L	L	G	F	L	V	L	I	M	I	T	G	L	R	N	Y	L	L	P	Q	L	S	S	Q
NTDB id 271	KZH43 RS09260 WP 074196785.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	C	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	
NTDB id 230	SPD RS09890 WP 074196785.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	C	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	
NTDB id 196	SPR RS09425 WP 074196785.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	C	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	
NTDB id 161	SP RS10375 WP 074196785.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	C	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	
NTDB id 529	SMSK321 RS09235 WP 080550783.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	F	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	S	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S
NTDB id 501	SM12261 RS00950 WP 004238896.1	Q	G	K	S	F	S	E	M	M	E	S	L	G	F	S	S	A	I	V	T	Q	L	S	L	A	E	V	H	G	N	L	H	L	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	K	L	I	E	V	A	T	P	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	
NTDB id 20322	SMA 0093 CCF01384.1	N	G	A	R	L	A	T	M	M	A	D	L	G	F	S	D	S	I	V	T	Q	I	A	L	A	D	V	H	G	N	S	Q	K	S	L	L	K	I	E	S	Y	L	S	S	M	T	V	R	K	K	L	I	E	V	A	T	P	P	L	I	L	L	F	L	I	M	L	C	M	K	N	Y	L	L	P	Q							

[illegible]

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consensus



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