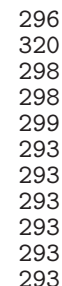


NTDB id 587 KW2 RS10850 WP 042211510.1	MQT	DILRLLRPKGKKLALIKQAKLIQLMGNNLLNNGFNLGEVINFLALSKLVEKEFVFKM	59
NTDB id 260958 CR921 RS08980 WP 120764773.1	MPEKISKTIIRPTGISSWKVWLNK	DVSLRGISKGKKLKIQQQVKVIQLFKQLLKAGFTLTETIIVAFLESHLLKETSLSLM	80
NTDB id 395 FSA28 RS09400 WP 257638827.1	MTFLQQ	DISLKEKHKQKKLKIKQKQKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKM	62
NTDB id 386 SMU RS09030 WP 255262721.1	MTFLQQ	DISLKEKHKQKKLKIKQKQKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKM	62
NTDB id 430 SGO RS09415 WP 012130411.1	MISFLQQ	DISILSKQKQKKLGTSKQKQVIELFNNLFSSGFHLAETVDFLGRSALLEKNYVQQM	63
NTDB id 271 KZH43 RS09260 WP 074196785.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
NTDB id 230 SPD RS09890 WP 074196785.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
NTDB id 196 SPR RS09425 WP 074196785.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
NTDB id 161 SP RS10375 WP 074196785.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
NTDB id 529 SMSK321 RS09235 WP 080550783.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
NTDB id 501 SM12261 RS00950 WP 004238896.1		MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM	57
consensus		*!*****!!*****!*****!*****!*****!*****!*****!*****!	

NTDB	id	587	KW2	RS10850	WP	042211510.1	HQGLSSGKSLSEILSLSFSKNVVTQLALVEVHGNLVGTMLQVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWG LKN	139
NTDB	id	260958	CR921	RS08980	WP	120764773.1	KESLIRGDRLYQMLALVGFSDNIVTQISLADKHGNLLGSLTKIETYMLRMTKVRKKLMEVATYPIILLGFLILIMLG LKN	160
NTDB	id	395	FSA28	RS09400	WP	257638827.1	RQG LLNGLHLAEIMSSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLN NLI L V K K K L V E V I T Y P I I L L I F L V V I M L G L K N	142
NTDB	id	386	SMU	RS09030	WP	255262721.1	RQG LLNGLHLAEIMSSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLN NLI L V K K K L V E V I T Y P I I L L I F L V V I M L G L K N	142
NTDB	id	430	SGO	RS09415	WP	012130941.1	RQGLANGQA FSEIMASLGFSDAVVTQLSLAELHGNLSLALLKIEEYLDNLAKVKKKLIEVATYPMMLLGFVLIMIGLRN	143
NTDB	id	271	KZH43	RS09260	WP	074196785.1	RVGLSQGKSFSEM MESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLG LRN	137
NTDB	id	230	SPD	RS09890	WP	074196785.1	RVGLSQGKSFSEM MESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLG LRN	137
NTDB	id	196	SPR	RS09425	WP	074196785.1	RVGLSQGKSFSEM MESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLG LRN	137
NTDB	id	161	SP	RS10375	WP	074196785.1	RVGLSQGKSFSEM MESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLG LRN	137
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	RTDLSQQGKSFSEM MESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLSIMLG LRN	137
NTDB	id	501	SM12261	RS00950	WP	004238896.1	RA GLSQGKSFSEM MESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLG LRN	137
consensus							* * ! * * ! * * * * * * * * * * * * ! * * * ! ! * * * ! * * * ! ! * * * * * * * ! * * * * * * * ! * * ! ! * ! * ! * ! * ! * ! * ! * ! * ! *	

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1
NTDB id 260958 CR921 RS08980 WP 120764773.1
NTDB id 395 FSA28 RS09400 WP 257638827.1
NTDB id 386 SMU RS09030 WP 255262721.1
NTDB id 430 SGO RS09415 WP 012130941.1
NTDB id 271 KZH43 RS09260 WP 074196785.1
NTDB id 230 SPD RS09890 WP 074196785.1
NTDB id 196 SPR RS09425 WP 074196785.1
NTDB id 161 SP RS10375 WP 074196785.1
NTDB id 529 SMSK321 RS09235 WP 080550783.1
NTDB id 501 SM12261 RS00950 WP 004238896.1
consensus



NTDB id 587 KW2 RS10850 WP 042211510.1
NTDB id 260958 CR921 RS08980 WP 120764773.1
NTDB id 395 FSA28 RS09400 WP 257638827.1
NTDB id 386 SMU RS09030 WP 255262721.1
NTDB id 430 SGO RS09415 WP 012130941.1
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NTDB id 196 SPR RS09425 WP 074196785.1
NTDB id 161 SP RS10375 WP 074196785.1
NTDB id 529 SMSK321 RS09235 WP 080550783.1
NTDB id 501 SM12261 RS00950 WP 004238896.1
consensus



- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved