

NTDB id	587 KW2 RS10850 WP 042211510.1	. . . MQT DILRLLRPKGKKLALIKQAKLIQLMGNLNNGFNLGEVINFLALSKLVEKEHFVFKMHQGLSSGKSLSEILESI SFSKN	81
NTDB id	395 FSA28 RS09400 WP 257638827.1	.MTFLLQQDISLKEKHKKKKLKIKQRKVIIQLFNNLF TSGFNLTETIIDFLERSHLLAEIYTKMKRQG LNLNGLHLA EIMSSLGFSD	84
NTDB id	386 SMU RS09030 WP 255262721.1	.MTFLLQQDISLKEKHKKKKLKIKQRKVIIQLFNNLF TSGFNLTETIIDFLERSHLLAEIYTKMKRQG LNLNGLHLA EIMSSLGFSD	84
NTDB id	430 SGO RS09415 WP 012130941.1	MISFLLQQDISILSKKKKKKKLGT SKKKQVI ELFNNLFSSGFHL AETVD FLGRSALLE KNY V QQM R GLANGQA FSETMAS LGFSDA	85
NTDB id	71978 EL263 RS10120 WP 114880773.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETIFLDRSALLDKQC VTQMRVGLSQGKS FSEMME SLGC SSA	79
NTDB id	271 KZH43 RS09260 WP 074196785.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMRVGLSQGKS FSEMME SLGC SSA	79
NTDB id	230 SPD RS09890 WP 074196785.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMRVGLSQGKS FSEMME SLGC SSA	79
NTDB id	196 SPR RS09425 WP 074196785.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMRVGLSQGKS FSEMME SLGC SSA	79
NTDB id	161 SP RS10375 WP 074196785.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMRVGLSQGKS FSEMME SLGC SSA	79
NTDB id	529 SMSK321 RS09235 WP 080550783.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMR TD LSQGKS FSEMME SLGFSSA	79
NTDB id	501 SM12261 RS00950 WP 004238896.1	 MDISQVFRLRRKKLATAKQN IITLFNNLFSSGFHLVETISFLDRSALLDKQC VTQMRAGLSQGKS FSEMME SLGFSSA	79
consensus		* ! * * * * * k r l * * * * * g s f h v e t i s f l d r s a l l d k q c v t q m r a g l s q g k s f s e m m e s l g f s s a	

VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	166
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	167
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	168
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	169
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	170
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	171
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	172
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	173
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	174
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	175
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	176
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	177
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	178
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	179
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	180

[illegible]

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	MGSGI	341
NTDB id 395 FSA28 RS09400 WP 257638827.1	MEVNL	343
NTDB id 386 SMU RS09030 WP 255262721.1	MEVNL	343
NTDB id 430 SGO RS09415 WP 012130941.1	MEVHL	344
NTDB id 71978 EL263 RS10120 WP 114880773.1	MEVNF	338
NTDB id 271 KZH43 RS09260 WP 074196785.1	MEVNF	338
NTDB id 230 SPD RS09890 WP 074196785.1	MEVNF	338
NTDB id 196 SPR RS09425 WP 074196785.1	MEVNF	338
NTDB id 161 SP RS10375 WP 074196785.1	MEVNF	338
NTDB id 529 SMSK321 RS09235 WP 080550783.1	MEVNF	338
NTDB id 501 SM12261 RS00950 WP 004238896.1	MEVNF	338
consensus	!****	

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