

NTDB id	587 KW2 RS10850 WP 042211510.1	MQTDLRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGVEVINFLALS KLVKEFVFKM	59
NTDB id	218929 B1761 RS04770 WP 116920398.1	MPEKISKITIRPTGISSWKVWLNKDVSRLRGISKGKKLKISSQQVKVIQLFKQLLKAGFTLTLEI VAFLE RSHLLKEASLSLM	80
NTDB id	395 FSA28 RS09400 WP 257638827.1	MTFLQQDISLKEKHKKQKKLIKIKQRKVIVQLFNNFLTSGFNLTEIIDFLERSHLLAEIYTKKM	62
NTDB id	386 SMU RS09030 WP 255262721.1	MTFLQQDISLKEKHKKQKKLIKIKQRKVIVQLFNNFLTSGFNLTEIIDFLERSHLLAEIYTKKM	62
NTDB id	430 SGO RS09415 WP 012130941.1	MISFLQQDISILSKKKQKKLGTSSKKQKQVIELFNNLFSSGFHLAETVD FLGRSALL EKNYVVQQM	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	HQGLSSGKSLSEILESLSFSKNVVTQALVEVHGNLVGTMQLVELHLKKQLKVKKKKLEI VATYPVVLLVFLIGIMWGLKN	139
NTDB	id	218929	B1761	RS04770	WP	116920398.1	KESLIRGDRLDQMLALVGFSDNIVTQISLADKHGNLGLSLTKIETYMLRMTKVRKKLMEVATYPIILLGFLILIMLGLKN	160
NTDB	id	395	FSA28	RS09400	WP	257638827.1	RQGLLNLGLHLAEIMSSSLGFSDDVVTQALSEVHGNTQKSLLKIESYLNILVKKKLVEVITYPIILLIFLVVIMLGLKN	142
NTDB	id	386	SMU	RS09030	WP	255262721.1	RQGLLNLGLHLAEIMSSSLGFSDDVVTQALSEVHGNTQKSLLKIESYLNILVKKKLVEVITYPIILLIFLVVIMLGLKN	142
NTDB	id	430	SGO	RS09415	WP	012130941.1	RQGLANQAFASEIMASLGFSDAVVTQLSLAEVHGNLHSLGKIEEYLDNLA VKKKKLEI VATYPMMLLGLFLVIMIGLRN	143
NTDB	id	271	KZH43	RS09260	WP	074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPIILLGFLLLIMLGLRN	137
NTDB	id	230	SPD	RS09890	WP	074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPLILLGFLLLIMLGLRN	137
NTDB	id	196	SPR	RS09425	WP	074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPLILLGFLLLIMLGLRN	137
NTDB	id	161	SP	RS10375	WP	074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPLILLGFLLLIMLGLRN	137
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	RTDLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPLILLGFLLSIMLGLRN	137
NTDB	id	501	SM1261	RS00950	WP	004238896.1	RAGLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLA VKKKKLEI VATYPLILLGFLLLIMLGLRN	137
consensus							* * * * *	137

NTDB	id	587	KW2	RS10850	WP	042211510.1	YLLPQLDKG...MNFATLLINHLPLVFFSVGALIVLLTSLSTIIIFKHI	SALTNFTFLVKVPLVSSFIRLYLTAYFSREW	216
NTDB	id	218929	B1761	RS04770	WP	116920398.1	YLLPQLLEGDGKNWAVQLVQIFPQLFFVSLCGLLVLGLILYLWVKRQ	SALVFYRRMAKIPFIGQTVRLYTAYYAREWG	240
NTDB	id	395	FSA28	RS09400	WP	257638827.1	YLLPQLK...GNFATRLISNFPILFLLGCCFFILLVGIFTFFSRKIS	SRHLIGFCSHLPFVGKYLQLYLTAYYAREWG	218
NTDB	id	386	SMU	RS09030	WP	255262721.1	YLLPQLR...GNFATRLISNFPILFLLGCCFFILLVGIFTFFSRKIS	SRHLIGFCSHLPFAGKYLQLYLTAYYAREWG	218
NTDB	id	430	SGO	RS09415	WP	012130941.1	YLLPQLSS...QNFATQLIGHLPTIFLLTLVMLGLTGAIYLVFKGQKRIP	VVSFRLARLPFVGSFVRLYLTAYYAREWG	219
NTDB	id	271	KZH43	RS09260	WP	074196785.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRS	SKMSVFSILARLPFIGIFVQTYLTAYYAREWG	213
NTDB	id	230	SPD	RS09890	WP	074196785.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRS	SKMSVFSILARLPFIGIFVQTYLTAYYAREWG	213
NTDB	id	196	SPR	RS09425	WP	074196785.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRS	SKMSVFSILARLPFIGIFVQTYLTAYYAREWG	213
NTDB	id	161	SP	RS10375	WP	074196785.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRS	SKMSVFSILARLPFIGIFVQTYLTAYYAREWG	213
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGLVSLTLLALTFYKRS	SKMRVFSILARIPFLGIFVQTYLTAYYAREWG	213
NTDB	id	501	SM1261	RS00950	WP	004238896.1	YLLPQLDS...SNIATQIIGNLPQIFLGMVGFVSVGVLLALTFYKRS	SKMRVFSILARIPFLGIFVQTYLTAYYAREWG	213
consensus							**	*! !*****! ! *****!*****!*****!*****!*****! *****! ! *****!	

