

NTDB id	419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTIIVVVSYEIFHKKIMQSKKIIDIKFTIGLFFSIVFGISIISSIIHIIPSPGDVSSIFHYIFLFIQPLIFYKYF	84
NTDB id	416	SGO RS10505 WP 012131078.1	.MIIFTIILSLFPVIIIVFSYDFFYNKINRKKKINIKLIIILFWGLIMVISFLYSIFLLLPDYWKIFRDIFHYIFLLIQPLIFYKYF	84
NTDB id	486	SM12261 RS09375 WP 020902616.1	MDFLAVLVLVIHLIFIISKSYYLIT.....CKNKINIKELCFGGGYTFL....VESVFELSIFYTYLDGL..GIEKFLEPFLVLYSYF	74
NTDB id	138	SP RS11430 WP 000364845.1	MDLLGFGTIVVHFLLIISHSYRLI.....CKGRINRKELYVFGAYTL...TEIVLEFSFYLLYLDKLI..GIERFLFPLGLYSYF	74
NTDB id	249	KZH43 RS10250 WP 000362880.1	MDLGFGGTIVVHFLLIISHSYHFI.....CKGQINRKELFVGAYTLL....TEIVFDPLYLYLYLDGL..GIERFLFPLGLYSYF	74
NTDB id	208	SPD RS10925 WP 000362880.1	MDLGFGGTIVVHFLLIISHSYHFI.....CKGQINRKELFVGAYTLL....TEIVFDPLYLYLYLDGL..GIERFLFPLGLYSYF	74
NTDB id	174	SPR RS10405 WP 000362880.1	MDLGFGGTIVVHFLLIISHSYHFI.....CKGQINRKELFVGAYTLL....TEIVFDPLYLYLYLDGL..GIERFLFPLGLYSYF	74
NTDB id	514	SMSK321 RS10615 WP 001048129.1	MNLFGVGLVIVVYFLIISHSYRLI.....CKGQINRKELYVFSAYTLL....TEIVLDFPSYLLHLDDL..GIVKFLFPLVLYSYF	74
consensus			***** * ***** ! **** ! *	

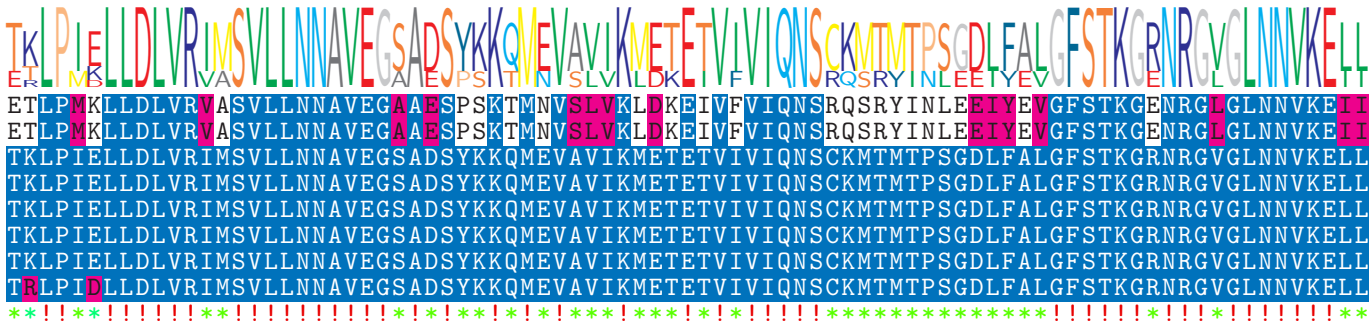
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NTDB id 419	DQL23 RS10745 WP 060553298.1	YNVNKSYIVIHIILLNISHWFSENAHLSNFASMIATIGFIMFLSTLFLYLKSAEQHEKAKEIQKKKEQRQLQLYTDEIVGLYNEI	253
NTDB id 416	SG0 RS10505 WP 012131078.1	YNVNKSYIVIHIILLNISHWFSENAHLSNFASMIATIGFIMFLSTLFLYLKSAEQHEKAKEIQKKKEQRQLQLYTDEIVGLYNEI	254
NTDB id 486	SM12261 RS09375 WP 020902616.1	KKVFFALLLLHVVSFISDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 138	SP RS11430 WP 000364845.1	KKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 249	KZH43 RS10250 WP 000362880.1	KKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 208	SPD RS10925 WP 000362880.1	KKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 174	SPR RS10405 WP 000362880.1	KKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 514	SMSK321 RS10615 WP 001048129.1	TKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKDQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
consensus		*****	

NTDB	id 419	DQL23 RS10745 WP 060553298.1	RGRFRHDYAGMLISLQQTGINS G DMKEVERIFHNVL S QANISLRSDDYTF F ELNNVQD T ALRSVL I CTIFKARECGVEIVFEMKDV I	338
NTDB	id 416	SG0 RS10505 WP 012131078.1	RGRFRHDYAGMLISLQQTGINS G DMKEVERIFHNVL S QANISLRSDDYTF F ELNNVQD T ALRSVL I CTIFKARECGVEIVFEMKDV I	339
NTDB	id 486	SM12261 RS09375 WP 020902616.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
NTDB	id 138	SP RS11430 WP 000364845.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
NTDB	id 249	KZH43 RS10250 WP 000362880.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
NTDB	id 208	SPD RS10925 WP 000362880.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
NTDB	id 174	SPR RS10405 WP 000362880.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
NTDB	id 514	SMSK321 RS10615 WP 001048129.1	RGRFRHDYAGMLVSMQMAIDSGN L QEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLVAQSI V YARNNGVEFTLEV K DI	328
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 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
NTDB id 514 SMSK321 RS10615 WP 001048129.1
consensus



423
424
413
413
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413

logo

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 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
NTDB id 514 SMSK321 RS10615 WP 001048129.1
consensus



452
453
441
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441

 non conserved
 similar
 ≥ 50% conserved