

NTDB id	419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTIIVVSYEIFHKKIMQSKKIDIKFGLFFSIVFGISIISSILIEIPSGDVISSIFHYIFLFIQPLIFYKYF	84
NTDB id	416	SGO RS10505 WP 012131078.1	.MIFTIILSLFPVIIVFSYDFFYNKINRKKKINIKLIILFWGLIMVISFLYSIFLLLPDYWKIFRDIHYIFLLLIQPLIFYKYF	84
NTDB id	486	SM12261 RS09375 WP 020902616.1	MDLFAVLVLVILHIFIISKYYLLI.....CKNKINIKELCFGGYTFL...VESVFELSFFYFYLYLDGL..GIEKFLFPLGLYSYF	74
NTDB id	30058	SPH RS11905 WP 000362880.1	MDFLGFGTVIVHFLLIISHSYHFI.....CKGQINRKELFVFGAYTLL...TEIVFDFFPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	249	KZH43 RS10250 WP 000362880.1	MDFLGFGTVIVHFLLIISHSYHFI.....CKGQINRKELFVFGAYTLL...TEIVFDFFPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	208	SPD RS10925 WP 000362880.1	MDFLGFGTVIVHFLLIISHSYHFI.....CKGQINRKELFVFGAYTLL...TEIVFDFFPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	174	SPR RS10405 WP 000362880.1	MDFLGFGTVIVHFLLIISHSYHFI.....CKGQINRKELFVFGAYTLL...TEIVFDFFPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	138	SP RS11430 WP 000364845.1	MDLGFGTIVVHFLIISHSYRLI.....CKGRINRKELYVFGAYTLL...TEIVLEFSFYLLYLDKT..GIERFLFPLGLYSYF	74
NTDB id	514	SMSK321 RS10615 WP 001048129.1	MNLFVGVLVIVYFLIISHSYRLI.....CKGQINRKELYVFGAYILL...TEIVLDFFSYLLHLDDL..GIVKFLFPLGLYSYF	74
consensus			*****!****!!** * *****!***!*****!***** ***** **** * *****!***!*!!	

[illegible]

NTDB id 419	DQL23 RS10745 WP 060553298.1	YNV	VNK	SY	IVI	HILLN	ISHWF	SENAHLNSFASMIAT	IGFIMFLSTL	FLFYLK	SARE	QHEKAKE	IQQ	KKKE	EQR	QL	QL	LYTDEIVGLYNEI	253
NTDB id 416	SGO RS10505 WP 012131078.1	YNV	VNK	SY	IVI	HILLN	ISHWF	SENAHLNSFASMIAT	IGFIMFLSTL	FLFYLK	SARE	QYQEKAKE	IQQ	KKKE	EQR	QL	QL	LYTDEIVGLYNEI	254
NTDB id 486	SM12261 RS09375 WP 020902616.1	KKV	FFALL	LLH	VVSF	ISDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKE	EKMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243						
NTDB id 30058	SPH RS11905 WP 000362880.1	KKV	FFALL	LLH	IVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKVQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243							
NTDB id 249	KZH43 RS10250 WP 000362880.1	KKV	FFALL	LLH	HIVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKVQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243							
NTDB id 208	SPD RS10925 WP 000362880.1	KKV	FFALL	LLH	HIVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKVQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243							
NTDB id 174	SPR RS10405 WP 000362880.1	KKV	FFALL	LLH	HIVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKVQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243							
NTDB id 138	SP RS11430 WP 000364845.1	KKV	FFALL	LLH	HIVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHKVQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243							
NTDB id 514	SMSK321 RS10615 WP 001048129.1	T	KV	FFALL	LLH	IVSFV	SDMV	STIKHLNSFGS	ILSSIVFIS	LLLTFFAMNSHK	DQMEKEI	ALKQKKF	EQKHLQNYTDEIVGLYNEI	243					
consensus																			

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	30058	SPH RS11905 WP 000362880.1
NTDB id	249	KZH4 RS10250 WP 000362880.1
NTDB id	208	SPD RS10925 WP 000362880.1
NTDB id	174	SPR RS10405 WP 000362880.1
NTDB id	138	SP RS11430 WP 000364845.1
NTDB id	514	SMSK321 RS10615 WP 001048129.1
consensus		

logo

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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 30058 SPH RS11905 WP 000362880.1
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 138 SP RS11430 WP 000364845.1
NTDB id 514 SMSK321 RS10615 WP 001048129.1
consensus

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[illegible]

423
424
413
413
413
413
413
413
413

logo

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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 30058 SPH RS11905 WP 000362880.1
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 138 SP RS11430 WP 000364845.1
NTDB id 514 SMSK321 RS10615 WP 001048129.1
consensus

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[illegible]

452
453
441
441
441
441
441
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441

- X non conserved
- X similar
- X > 50% conserved