

NTDB id 419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTI IQVVSYEIFHKKIMQSKKI D IKFI GLFFSIVFGISII SS ILIEIPSPGDVISS IFHY IFLF IQPLIFYKYF	84
NTDB id 416	SGO RS10505 WP 012131078.1	.MIFTTIILSLFPVII QVFYSYD FFYNKNINRKKK INIKLI LFWGLIMVISFLYSI FLLLPDYWKIFRDI FHY IFL LIQPLIFYKYF	84
NTDB id 486	SM12261 RS09375 WP 020902616.1	MDFLAVLVVLHIHFII SKSYLLI CKNKINIKELCFGGGYTFL VESVFELSFYFI TYLDGL .. GIERFLFPVLGYSYF	74
NTDB id 30659	SPCGR SRS11655 WP 000362880.1	MDLFGFGTVIVHFLIISHSHYHFI CKGQINRKEL VFVGAYTLL ... TEIVFDPLYLY LDGL .. GIERFLFPGLGYSYF	74
NTDB id 249	KZH43 RS10250 WP 000362880.1	MDLFGFGTVIVHFLIISHSHYHFI CKGQINRKEL VFVGAYTLL ... TEIVFDPLYLY LDGL .. GIERFLFPGLGYSYF	74
NTDB id 208	SPDR SRS10925 WP 000362880.1	MDLFGFGTVIVHFLIISHSHYHFI CKGQINRKEL VFVGAYTLL ... TEIVFDPLYLY LDGL .. GIERFLFPGLGYSYF	74
NTDB id 174	SPR RS10405 WP 000362880.1	MDLFGFGTVIVHFLIISHSHYHFI CKGQINRKEL VFVGAYTLL ... TEIVFDPLYLY LDGL .. GIERFLFPGLGYSYF	74
NTDB id 138	SPP RSR11430 WP 000364845.1	MDL LGFGTVIVHFLIISHSHYRLI CKGRINRKELY VFVGAYTLL ... TEIVLEFSFYLYLDK T .. GIERFLFPGLGYSYF	74
NTDB id 514	SMSK321 RS10615 WP 001048129.1	MNLFGVGLVIVYFLIISHSHYRLI CKGQINRKELY VFSAYITLL ... TEIVLFDFS YLLHLDDL . GIVKFLFPVLGYSYF	74
consensus		***** ! * * * * *	***** ! * * * * *

NTDB id	419	DQL23 RS10745 WP 060553298.1	L.KRKEYDNYLNLFLSFVIYLSVETSEIFLSVIISSITGDYFVKQHYDIFYIILNLLSLFIILKVVDFDFYFEYYKEPIYKNDL	168
NTDB id	416	SGO RS10505 WP 012131078.1	LIKRRKEYENYLNLFLSFVIYLSVETSETFLSVIISSITGDSFVKQHYDIFYIILNLLSLFIILKVVDFDFYFEYYKEPIYKNDL	169
NTDB id	486	SM12261 RS09375 WP 020902616.1	R.F.IKKKYEKYRGVFLSLLLSTHSTHTFLSVTLSSIIGDDTALQYHSLEFLLVVALTYVIVVTIRYFHLELNLYFDKDLYLPFL	158
NTDB id	30659	SPCG RS11655 WP 000362880.1	RW.MKQYERDRGLFLSLLLSTHFNLSVTFSSITGDNFVLQYHFPPFFVTVLTYSFVTLKIYYFHLELAYFDEDYLYPFL	158
NTDB id	249	KZH43 RS10250 WP 000362880.1	RW.MKQYERDRGLFLSLLLSTHFNLSVTFSSITGDNFVLQYHFPPFFVTVLTYSFVTLKIYYFHLELAYFDEDYLYPFL	158
NTDB id	208	SPD RS10925 WP 000362880.1	RW.MKQYERDRGLFLSLLLSTHFNLSVTFSSITGDNFVLQYHFPPFFVTVLTYSFVTLKIYYFHLELAYFDEDYLYPFL	158
NTDB id	174	SPR RS10405 WP 000362880.1	RW.MKQYERDRGLFLSLLLSTHFNLSVTFSSITGDNFVLQYHFPPFFVTVLTYSFVTLKIYYFHLELAYFDEDYLYPFL	158
NTDB id	138	SP RS11430 WP 000364845.1	RW.MKQYERDRGLFLSLLLSTHFNLSVTFSSITGDNFVLQYHFPPFFVTVLTYSFVTLKIYYFHLELAYFDKDLYLPFL	158
NTDB id	514	SMSK321 RS10615 WP 001048129.1	RW.ITKQYERDRGLFLSLLLSTHFNLSVTLSSIIGTDNFVLQYHFPFFFTVLTYSFVTLKIYYFHLDLNYFDKDLYLPFL	158
consensus			** * ! * ! * * * * * * * * * * * * * * * * * * ! * ! * * * * * * * * * * * * * * * * ! * * * * * * * ! * * * * * * * *	

NTDB id 419	DQL23 RS10745 WP 060553298.1	YNVNKSYIVIHIHLLNISHWFSENAHLSNFASMIATIGFIMFLSTLFLYLKSAREQHEKAKEIQKKKEEQRQLQLYTDEIVGLYNEI	253
NTDB id 416	SGO RS10505 WP 012131078.1	YNVNKSYIVIHIHLLNISHWFSENAHLSNFASMIATIGFIMFLSTLFLYLKSAREQYKAKEIQKKKEEQRQLQLYTDEIVGLYNEI	254
NTDB id 486	SM12261 RS09375 WP 020902616.1	KKVFFALLLLHVVSFI SDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVEKMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 30659	SPCG RS11655 WP 000362880.1	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 138	SP RS11430 WP 000364845.1	KKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 514	SMSK321 RS10615 WP 001048129.1	TKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKDQMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
consensus		*****	

[illegible]

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 30659 SPCG RS11655 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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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 30659 SPCG RS11655 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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452
453
441
441
441
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441
441
441

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