

NTDB id 419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTI IQVVSYEIFHKKIMQSKKI D IKFI GLFFSIVFGISII SS ILIEIPSPGDVISS IFHY IFLF IQPLIFVKYF	84
NTDB id 416	SGO RS10505 WP 012131078.1	.MIFTIILSLFPVII IQVFSYDFFYNKINRKKKI INIKLIILFWGLIMVISFLYS I FLLLPDYWKIFRDI FHYL FLLI IQPLIFVKYF	84
NTDB id 486	SM12261 RS09375 WP 020902616.1	MDFLAVLVVILHIFIISKSYLTI CKNKINIKELCFGGGYTFL VESVFELSIFYTYLDGL .. GIBKFLFPVLVLSYF	74
NTDB id 33431	SPT RS11160 WP 000362880.1	MDLFGFGTVIVHFLLIISHSYHFI CKGQINRKELFVGAYTLL TEIVDFDPLYLYLDGL .. GIERFLFPLGLYSYF	74
NTDB id 249	KZH43 RS10250 WP 000362880.1	MDLFGFGTVIVHFLIISHSYHFI CKGQINRKELFVGAYTLL TEIVDFDPLYLYLDGL .. GIERFLFPLGLYSYF	74
NTDB id 208	SPD RS10925 WP 000362880.1	MDLFGFGTVIVHFLIISHSYHFI CKGQINRKELFVGAYTLL TEIVDFDPLYLYLDGL .. GIERFLFPLGLYSYF	74
NTDB id 174	SPR RS10405 WP 000362880.1	MDLFGFGTVIVHFLIISHSYHFI CKGQINRKELFVGAYTLL TEIVDFDPLYLYLDGL .. GIERFLFPLGLYSYF	74
NTDB id 138	SP RS11430 WP 000364845.1	MDLLGFGTVIVHFLIISHSYRLI CKGRINRKELFVGAYTLL TEIVLEFSFYLLYLDKTL .. GIERFLFPLGLYSYF	74
NTDB id 514	SMSK321 RS10615 WP 001048129.1	MNLFGVGLVIVYFLIISHSYRLI CKGQINRKELYVFSAYITLL TEIVLFDPFSYLLHLDDL .. GIVKFLFPLVLSYF	74
consensus		*****!*****!*****! *****!*****!*****! *****!*****!*****! *****!*****!*****!	

[illegible]

NTDB id 419	DQL23 RS10745 WP 060553298.1	YNVNKSYIVIHIHLLNISHWFSENAHLSNSFASMIATIGFIMFLSTLFLYLKSAREQHEKAKEIQKKKEEQRQLQLYTDEIVGLYNEI	253
NTDB id 416	SGO RS10505 WP 012131078.1	YNVNKSYIVIHIHLLNISHWFSENAHLSNSFASMIATIGFIMFLSTLFLYLKSAREQYKAKEIQKKKEEQRQLQLYTDEIVGLYNEI	254
NTDB id 486	SM12261 RS09375 WP 020902616.1	KKVFFALLLLHVVSFISDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVEKMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI	243
NTDB id 33431	SPT RS11160 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

```

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 33431 SPT RS11160 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

```

[illegible]

423
424
413
413
413
413
413
413
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 33431 SPT RS11160 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

```

[illegible]

452
453
441
441
441
441
441
441
441

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