

[illegible]

|               |                                |                                                                                              |     |
|---------------|--------------------------------|----------------------------------------------------------------------------------------------|-----|
| NTDB id 419   | DQL23 RS10745 WP 060553298.1   | L.KRKEYDNYLNLFLSFVIYLSVETSETFLSVIISSITGDYFVKQHYDIFYIILNLLSLFTILKVVDFDFYFEYYKEPIYKNDL         | 168 |
| NTDB id 416   | SGO RS10505 WP 012131078.1     | LIKRRKEYENYLNLFLSFVIYLSVETSETFLSVIISSITGDSFVKQHYDIFYIILNLLSLFTILKVVDFDFYFEYYKEPIYKNDL        | 169 |
| NTDB id 486   | SM12261 RS09375 WP 020902616.1 | R.F.IKKKYEKYRGVFLSLLSLLYNSTHTFLSVTLSSIIGDDTALQYHSLFFLVVALTYVIVVTIRYFHLELNLYFDKDLYLPFL        | 158 |
| NTDB id 33277 | SPP RS11295 WP 000362880.1     | RW.MKQYERDRGLFLSLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPPFFVVTVLTYFVTLKIYYFHLELAYFDEDYLPFL           | 158 |
| NTDB id 249   | KZH43 RS10250 WP 000362880.1   | RW.MKQYERDRGLFLSLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPPFFVVTVLTYFVTLKIYYFHLELAYFDEDYLPFL           | 158 |
| NTDB id 208   | SPD RS10925 WP 000362880.1     | RW.MKQYERDRGLFLSLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPPFFVVTVLTYFVTLKIYYFHLELAYFDEDYLPFL           | 158 |
| NTDB id 174   | SPR RS10405 WP 000362880.1     | RW.MKQYERDRGLFLSLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPPFFVVTVLTYFVTLKIYYFHLELAYFDEDYLPFL           | 158 |
| NTDB id 138   | SP RS11430 WP 000364845.1      | RW.MKQYERDRGLFLSLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPPFFVVTVLTYFVTLKIYYFHLELAYFDKDLYLPFL          | 158 |
| NTDB id 514   | SMSK321 RS10615 WP 001048129.1 | RW.IKQYERDRGLFLSLLSLLYESTHNFLSVTLSSIIGTGNFVLQYYEPFFFVTVLTLYVVLKIIHYFHLDLNLYFDKDLYLPFL        | 158 |
| consensus     |                                | ** * ! * ! * * * * * * * * * * * * * * * * ! * ! * * * * * * * * * * ! * * * * * * * * * * ! |     |

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| 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 | KKVFFALLLLHVVSFISDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVEKMEKEIALKQKKFEQKHLQNYTDEIVGLYNEI  | 243 |
| NTDB id 33277 | SPP RS11295 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]

