

logo

|                                             |               |        |        |         |         |       |          |         |       |       |       |        |         |       |        |     |
|---------------------------------------------|---------------|--------|--------|---------|---------|-------|----------|---------|-------|-------|-------|--------|---------|-------|--------|-----|
| NTDB id 163766 AUQ45 RS00655 WP 002986552.1 | .....MINQWNNL | RHKKL  | KGFTLL | LEML    | LVIL    | VISVL | MLLFVPNL | SKQK    | DRVT  | ETGNA | AAVVK | LVEN   | QAELYEL | LSQG  | .SK    | 72  |
| NTDB id 588 KW2 RS10845 WP 051303741.1      | MSKALSLV      | KIHGRK | LCCKK  | QKAFTL  | IEML    | IVLAI | ISIL     | LLFVPNL | LIKE  | KAQV  | QKTGE | AAVVKV | VESQA   | QLYEL | DHDNDK | 80  |
| NTDB id 460 GPW51 RS00790 WP 011921720.1    | .....         | MKKLV  | EMKVK  | GFTL    | VEML    | VVLGI | ISL      | LLL     | FVPNL | SQK   | DAIQ  | KKGDA  | AAVVKV  | VESQM | EYEL   | 68  |
| NTDB id 502 SM12261 RS00955 WP 000738641.1  | .....         | MKKMT  | FLKKA  | KVKAFTL | VEML    | VLLII | ISVL     | LLFVPNL | TKQ   | KEAV  | NDKG  | KA     | AAVVKV  | VESQA | EYSL   | 72  |
| NTDB id 272 KZH43 RS09255 WP 000738626.1    | .....         | MKKMT  | TF     | LKKA    | KVKAFTL | VEML  | VLLII    | ISVL    | FLL   | FVPNL | TKQ   | KEAV   | NDKG    | KA    | AAVVKV | 72  |
| NTDB id 231 SPD RS09885 WP 000738626.1      | .....         | MKKMT  | TF     | LKKA    | KVKAFTL | VEML  | VLLII    | ISVL    | FLL   | FVPNL | TKQ   | KEAV   | NDKG    | KA    | AAVVKV | 72  |
| NTDB id 197 SPR RS09420 WP 000738626.1      | .....         | MKKMT  | TF     | LKKA    | KVKAFTL | VEML  | VLLII    | ISVL    | FLL   | FVPNL | TKQ   | KEAV   | NDKG    | KA    | AAVVKV | 72  |
| NTDB id 162 SP RS10370 WP 000738627.1       | .....         | MKKMT  | TF     | LKKA    | KVKAFTL | VEML  | VLLII    | ISVL    | FLL   | FVPNL | TKQ   | KEAV   | NDKG    | KA    | AAVVKV | 72  |
| NTDB id 530 SMSK321 RS09230 WP 000738643.1  | .....         | MKKMT  | TF     | LKKA    | KVKAFTL | VEML  | VLLII    | ISVL    | LLF   | FVPNL | TKQ   | KEAV   | NDKG    | KA    | AAVVKV | 72  |
| NTDB id 431 SGO RS09410 WP 012130940.1      | .....         | MNKL   | KKL    | R       | VKAFTL  | VEML  | VLLII    | ISVL    | MLL   | FVPNL | TKQ   | KEAV   | SDTG    | NA    | AAVVKV | 69  |
| NTDB id 396 FSA28 RS09395 WP 002263437.1    | .....         | MKK    | I      | KRV     | SV      | RAFTL | IEML     | VLLII   | ISIL  | LLL   | FVPNL | TKQ    | KD      | KV    | KDTGG  | 68  |
| NTDB id 387 SMU RS09025 WP 002263437.1      | .....         | MKK    | I      | KRV     | SV      | RAFTL | IEML     | VLLII   | ISIL  | LLL   | FVPNL | TKQ    | KD      | KV    | KDTGG  | 68  |
| consensus                                   | ***           | *      | ***    | *****   | !!!!    | !!!!  | !!!!     | !!!!    | !!!!  | !!!!  | !!!!  | !!!!   | !!!!    | !!!!  | !!!!   | *** |

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|                                             |             |        |       |       |       |       |      |       |     |
|---------------------------------------------|-------------|--------|-------|-------|-------|-------|------|-------|-----|
| NTDB id 163766 AUQ45 RS00655 WP 002986552.1 | PSLSQLKADGS | ITEKQ  | EKAYQ | DYYD  | KHKNE | KAR   | L    | SN    | 108 |
| NTDB id 588 KW2 RS10845 WP 051303741.1      | PNLSELL     | SAGMIT | QKQVT | AYDD  | DYYDQ | NKNE  | Q    | RNFDD | 116 |
| NTDB id 460 GPW51 RS00790 WP 011921720.1    | ATVAD       | LQAKGY | ITEKQ | AKQY  | ATAK  | ..... |      |       | 93  |
| NTDB id 502 SM12261 RS00955 WP 000738641.1  | ASLSKLQADGR | ITEEQ  | AKAYK | EYHAK | QNTS  | Q     | TVAD |       | 107 |
| NTDB id 272 KZH43 RS09255 WP 000738626.1    | ASLRKLQADGR | ITEEQ  | AKAYK | EYHDK | KN    | GGAN  | RK   | VND   | 108 |
| NTDB id 231 SPD RS09885 WP 000738626.1      | ASLRKLQADGR | ITEEQ  | AKAYK | EYHDK | KN    | GGAN  | RK   | VND   | 108 |
| NTDB id 197 SPR RS09420 WP 000738626.1      | ASLRKLQADGR | ITEEQ  | AKAYK | EYHDK | KN    | GGAN  | RK   | VND   | 108 |
| NTDB id 162 SP RS10370 WP 000738627.1       | ASLRKLQADGR | ITEEQ  | AKAYK | EYND  | KN    | GGAN  | RK   | VND   | 108 |
| NTDB id 530 SMSK321 RS09230 WP 000738643.1  | ASLSKLQADGR | ITEEQ  | AKAYN | EY    | YAK   | KN    | GGAN | RK    | 108 |
| NTDB id 431 SGO RS09410 WP 012130940.1      | ATLSKLVAAGN | ISQKQ  | ADS   | SYK   | AYY   | GKNN  | SET  | QAVAN | 105 |
| NTDB id 396 FSA28 RS09395 WP 002263437.1    | ATLSKLVASGD | ITQEQ  | ANSYK | DYYAK | HPSK  | TR    | HVAN |       | 104 |
| NTDB id 387 SMU RS09025 WP 002263437.1      | ATLSKLVASGD | ITQEQ  | ANSYK | DYYAK | HPSK  | TR    | HVAN |       | 104 |
| consensus                                   | *****       | !!!!   | !!!!  | !!!!  | !!!!  | ****  | ***  | ***   |     |

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved