

logo

|                                              |                                                                                 |    |
|----------------------------------------------|---------------------------------------------------------------------------------|----|
| NTDB id 1156848 KJP68 RS12905 WP 004398514.1 | .....MNVLNQHKKATILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEAANNDE     | 57 |
| NTDB id 105 BSU 25590 NP 390437.1            | .....MNVLNQHKKATILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEAANNDE     | 57 |
| NTDB id 36 MW RS08230 WP 001793467.1         | MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFNKDNALKQSTSENSSLSKVEDVQVKDGDNSK | 80 |
| NTDB id 20 SA RS08005 WP 001802022.1         | MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFNKDNALKQSTSENSSLSKLEDVQVKDGDNSK | 80 |
| consensus                                    | ***** *! *! *! *! *                                                             |    |

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|----------------------------------------------|------------------------------------------------------------------------------------|-----|
| NTDB id 1156848 KJP68 RS12905 WP 004398514.1 | SNETIIVIDIKGAVQHHPGVYEMRTIGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQGGGGSVQSD | 137 |
| NTDB id 105 BSU 25590 NP 390437.1            | SNETIIVIDIKGAVQHHPGVYEMRTIGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQGGGGSVQSD | 137 |
| NTDB id 36 MW RS08230 WP 001793467.1         | NKGPVYVVDVKGAVKHHPNVYKMTSKDRVVDLLDKAQ.LLEDADVSRNLSEKLTQDKMIFIPHKCQKNVEPQIGVNSVHVK  | 159 |
| NTDB id 20 SA RS08005 WP 001802022.1         | NKGPVYVVDVKGAVKHHPNVYKMTSKDRVVDLLDKAQ.LLEDADVSRNLSEKLTQDKMIFIPHKCQKNVEPQIEVNSVHVK  | 159 |
| consensus                                    | * * *! *! *! *! *! *! *! *! *! *! *! *! *! *! *! *                                 |     |

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|----------------------------------------------|-------------------------------------------------------------------------|-----|
| NTDB id 1156848 KJP68 RS12905 WP 004398514.1 | GG..KGALVNIINTATLEELQGISGVGPSKAEAITAYREENGRFQTIEDITKVSGIGEKSFETIKSSITVK | 205 |
| NTDB id 105 BSU 25590 NP 390437.1            | GG..KGALVNIINTATLEELQGISGVGPSKAEAITAYREENGRFQTIEDITKVSGIGEKSFETIKSSITVK | 205 |
| NTDB id 36 MW RS08230 WP 001793467.1         | NGNTNNTKVNINTASVSELMSVPGVCAKANAIVEYRNQQCAFQEBDDLKKVKCFGSKTFDKLSYFTI.    | 228 |
| NTDB id 20 SA RS08005 WP 001802022.1         | NGNTNNTKVNINTASVSELMSVPGVCAKANAIVEYRNQQCAFQEBDDLKKVKCFGSKTFDKLSYFTI.    | 228 |
| consensus                                    | ! * *! *! *! *! *! *! *! *! *! *! *! *! *! *! *                         |     |

- non conserved
- similar
- ≥ 50% conserved