

logo

NTDB id 467 HSISS4 RS06915 WP 021143821.1  
NTDB id 384 SMU RS02325 WP 002263039.1  
NTDB id 205346 BBN63 RS36970 WP 237285857.1  
NTDB id 146 SP RS08570 WP 000614538.1  
NTDB id 257 KZH43 RS07655 WP 220041236.1  
NTDB id 216 SPD RS08205 WP 000614552.1  
NTDB id 182 SPR RS07820 WP 000614552.1  
consensus



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NTDB id 182 SPR RS07820 WP 000614552.1  
consensus



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logo

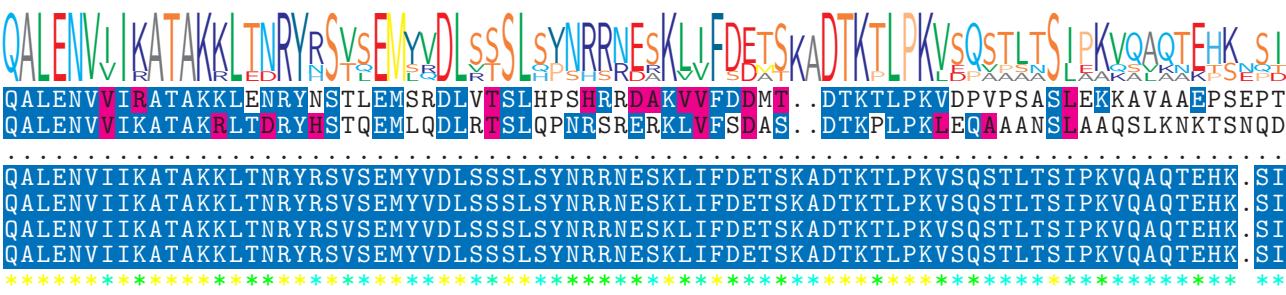
NTDB id 467 HSISS4 RS06915 WP 021143821.1  
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consensus



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consensus



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logo

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|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| NTDB id 467 HSISS4 RS06915 WP 021143821.1   | KNPSQAVTEETYPQAPKKHFRFKMRYLILLASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE                                                                                                                                                                           | 398 |
| NTDB id 384 SMU RS02325 WP 002263039.1      | PA <del>PS</del> KQPRKK <del>T</del> TPAKKKKK <del>N</del> FFSTL <del>L</del> KV <del>F</del> LGLVFIGIIFAYLVFTNPDNV <del>Q</del> VPNVVGQELSTAQTK <del>I</del> EGAG <del>F</del> KV <del>G</del> EVK                                                     | 398 |
| NTDB id 205346 BBN63 RS36970 WP 237285857.1 | <del>K</del> VDHK <del>S</del> KPKTKP <del>Q</del> PKPK <del>K</del> RHFLAR <del>F</del> FK <del>I</del> FFILVAIGIAV <del>L</del> TLVLTKP <del>S</del> TVSV <del>P</del> PDVSGDK <del>L</del> STAKMI <del>I</del> RKSGLK <del>V</del> GD <del>V</del> Q | 34  |
| NTDB id 146 SP RS08570 WP 000614538.1       | KNPSQAVTEETYPQAPKKHFRFKMRYLILLASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE                                                                                                                                                                           | 398 |
| NTDB id 257 KZH43 RS07655 WP 220041236.1    | KNPSQAVTEETYPQAPKKHFRFKMRYLILLASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE                                                                                                                                                                           | 398 |
| NTDB id 216 SPD RS08205 WP 000614552.1      | KNPSQAVTEETYPQAPKKHFRFKMRYLILLASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE                                                                                                                                                                           | 398 |
| NTDB id 182 SPR RS07820 WP 000614552.1      | KNPSQAVTEETYPQAPKKHFRFKMRYLILLASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGE                                                                                                                                                                           | 398 |
| consensus                                   | *****                                                                                                                                                                                                                                                   |     |

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| NTDB id 467 HSISS4 RS06915 WP 021143821.1   | TEASEKVEEGRIIRTDPGAGTGRKEG <del>T</del> KINLVSSGKQSFQISNYVGRKSSDVIAELKEK <del>V</del> PDNLKIEEEESNESEA                                                                                               | 478 |
| NTDB id 384 SMU RS02325 WP 002263039.1      | EVED <del>S</del> VD <del>T</del> GKVIKTDP <del>T</del> AGT <del>T</del> RKEGSS <del>I</del> DVYVSSGSKGFALKDYK <del>G</del> KNYKDAIEDLTSNFGVSE <del>D</del> QID <del>I</del> QHVED <del>D</del> SAEE | 477 |
| NTDB id 205346 BBN63 RS36970 WP 237285857.1 | KIED <del>N</del> VGAGKVVRTNPSAG <del>S</del> KKREGSSVDIFVAS.AKGFKMEDYTGDYKDAIDNLTNNYGVSRDSIVLKEVSSDDYS                                                                                              | 34  |
| NTDB id 146 SP RS08570 WP 000614538.1       | TEASEKVEEGRIIRTDPGAGTGRKEG <del>T</del> KINLVSSGKQSFQISNYVGRKSSDVIAELKEK <del>V</del> PDNLKIEEEESNESEA                                                                                               | 477 |
| NTDB id 257 KZH43 RS07655 WP 220041236.1    | TEASEKVEEGRIIRTDPGAGTGRKEG <del>T</del> KINLVSSGKQSFQISNYVGRKSSDVIAELKEK <del>V</del> PDNLKIEEEESNESEA                                                                                               | 477 |
| NTDB id 216 SPD RS08205 WP 000614552.1      | TEASEKVEEGRIIRTDPGAGTGRKEG <del>T</del> KINLVSSGKQSFQISNYVGRKSSDVIAELKEK <del>V</del> PDNLKIEEEESNESEA                                                                                               | 477 |
| NTDB id 182 SPR RS07820 WP 000614552.1      | TEASEKVEEGRIIRTDPGAGTGRKEG <del>T</del> KINLVSSGKQSFQISNYVGRKSSDVIAELKEK <del>V</del> PDNLKIEEEESNESEA                                                                                               | 477 |
| consensus                                   | *****                                                                                                                                                                                                |     |

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|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| NTDB id 467 HSISS4 RS06915 WP 021143821.1   | GTVLKQSLPEGTTYDLSKATQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEESSESE                                                                          | 557 |
| NTDB id 384 SMU RS02325 WP 002263039.1      | GEILSQSPGK <del>N</del> SFNPKD <del>S</del> KA <del>I</del> KFRVAT.PKIVT <del>M</del> PDVTGLTVSTAVQT <del>L</del> NRKNISSSSIEYHDYNTGAKLDKAKIPSS | 550 |
| NTDB id 205346 BBN63 RS36970 WP 237285857.1 | GT <del>V</del> IGQSPKPGK <del>T</del> YHPSSDKK.ITLKV...VKV <del>T</del> PNLKNSTYEEAVSTLTAMGISSSR <del>I</del> KAY..DASDYSSIESSPS               | 34  |
| NTDB id 146 SP RS08570 WP 000614538.1       | GTVLKQSLPEGTTYDLSKATQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEESSESE                                                                          | 548 |
| NTDB id 257 KZH43 RS07655 WP 220041236.1    | GTVLKQSLPEGTTYDLSKATQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEESSESE                                                                          | 548 |
| NTDB id 216 SPD RS08205 WP 000614552.1      | GTVLKQSLPEGTTYDLSKATQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEESSESE                                                                          | 548 |
| NTDB id 182 SPR RS07820 WP 000614552.1      | GTVLKQSLPEGTTYDLSKATQIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEESSESE                                                                          | 548 |
| consensus                                   | *****                                                                                                                                           |     |

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----|
| NTDB id 467 HSISS4 RS06915 WP 021143821.1   | PGTIMKQSPGAGT <del>T</del> YDVSKPTQIVLTVAKKVT <del>S</del> VAMP <del>S</del> YIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVEGMV | 613 |
| NTDB id 384 SMU RS02325 WP 002263039.1      | TE.ILYQDPQ...AGTSVDGT <del>V</del> ILYVSVATASS <del>S</del> LQSSSSSTH...S.....SST.....SSSTDSTTSSTE...                  | 613 |
| NTDB id 205346 BBN63 RS36970 WP 237285857.1 | SSLVVGQSPYYGNTVLS <del>S</del> SNDDIILYVSTSGGSHSGSSSESSNS...E.....GTTS.....SEASTDSSSATT...                             | 34  |
| NTDB id 146 SP RS08570 WP 000614538.1       | PGTIMKQSPGAGT <del>T</del> YDVSKPTQIVLTVAKKVT <del>S</del> VAMP <del>S</del> YIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVEGMV | 628 |
| NTDB id 257 KZH43 RS07655 WP 220041236.1    | PGTIMKQSPGAGT <del>T</del> YDVSKPTQIVLTVAKKVT <del>S</del> VAMP <del>S</del> YIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVEGMV | 628 |
| NTDB id 216 SPD RS08205 WP 000614552.1      | PGTIMKQSPGAGT <del>T</del> YDVSKPTQIVLTVAKKVT <del>S</del> VAMP <del>S</del> YIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVEGMV | 628 |
| NTDB id 182 SPR RS07820 WP 000614552.1      | PGTIMKQSPGAGT <del>T</del> YDVSKPTQIVLTVAKKVT <del>S</del> VAMP <del>S</del> YIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSVEGMV | 628 |
| consensus                                   | *****                                                                                                                  |     |

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| NTDB id 467 HSISS4 RS06915 WP 021143821.1   | .T.S.TEATHTEELQ.....             | 624 |
| NTDB id 384 SMU RS02325 WP 002263039.1      | .T.....SH.....                   | 616 |
| NTDB id 205346 BBN63 RS36970 WP 237285857.1 | .....                            | 34  |
| NTDB id 146 SP RS08570 WP 000614538.1       | EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP | 659 |
| NTDB id 257 KZH43 RS07655 WP 220041236.1    | EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP | 659 |
| NTDB id 216 SPD RS08205 WP 000614552.1      | EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP | 659 |
| NTDB id 182 SPR RS07820 WP 000614552.1      | EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP | 659 |
| consensus                                   | *****                            |     |

- non conserved
- similar
- ≥ 50% conserved