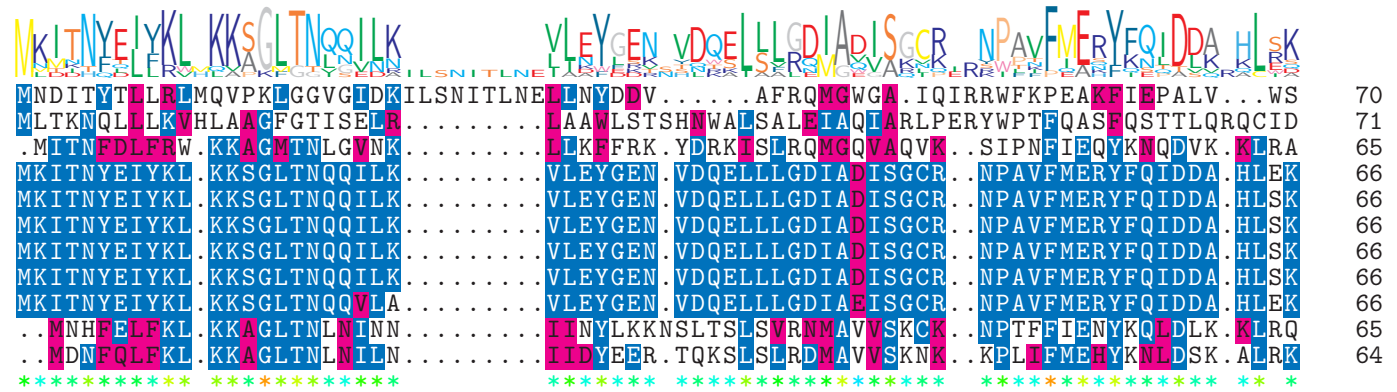


```

NTDB id 1361 HI 0985 AAC22646.1
NTDB id 626 LCA RS04960 WP 011374694.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 257342 CWQ22 RS05110 WP 001015250.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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NTDB id 257342 CWQ22 RS05110 WP 001015250.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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logo

|                                             |                                                                                 |     |
|---------------------------------------------|---------------------------------------------------------------------------------|-----|
| NTDB id 1361 HI 0985 AAC22646.1             | TEKSGSLITARYALEQNREVFVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTPP | 310 |
| NTDB id 626 LCA RS04960 WP 011374694.1      | RHKSGSLITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILTEELRYFD.....               | 288 |
| NTDB id 599 KW2 RS05940 WP 021037268.1      | KLRSGSLITCERALEEGRDIFAIPGNIADGTSDCGNHLIQGAKLVYQAQDILEEYLYN.....                 | 282 |
| NTDB id 525 SMSK321 RS06295 WP 000705298.1  | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 267 KZH43 RS05590 WP 000705306.1    | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 226 SPD RS05990 WP 000705306.1      | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 192 SPR RS05715 WP 000705306.1      | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 157 SP RS06205 WP 000705306.1       | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 497 SM12261 RS05565 WP 000705318.1  | KMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....               | 282 |
| NTDB id 257342 CWQ22 RS05110 WP 001015250.1 | KMRSGSLITCERALEEGRVFAIPGNIIDGKSDGCHHLIQEGAKCITSGKDILSEYQ.....                   | 280 |
| NTDB id 407 SMU RS04605 WP 002262865.1      | KIRSGSLITCERAMEEGRDVFVFAIPGNIIDGQSEGCCHHLIQEGAKCITSGFDILNEFNF.....              | 280 |
| consensus                                   | ***!!!!!!***!*****!*****!?!*****!?!*****!?!*****!*****                          |     |

logo

|                                             |                                                                |     |
|---------------------------------------------|----------------------------------------------------------------|-----|
| NTDB id 1361 HI 0985 AAC22646.1             | PDPRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV | 373 |
| NTDB id 626 LCA RS04960 WP 011374694.1      | .....                                                          | 288 |
| NTDB id 599 KW2 RS05940 WP 021037268.1      | .....                                                          | 282 |
| NTDB id 525 SMSK321 RS06295 WP 000705298.1  | .....                                                          | 282 |
| NTDB id 267 KZH43 RS05590 WP 000705306.1    | .....                                                          | 282 |
| NTDB id 226 SPD RS05990 WP 000705306.1      | .....                                                          | 282 |
| NTDB id 192 SPR RS05715 WP 000705306.1      | .....                                                          | 282 |
| NTDB id 157 SP RS06205 WP 000705306.1       | .....                                                          | 282 |
| NTDB id 497 SM12261 RS05565 WP 000705318.1  | .....                                                          | 282 |
| NTDB id 257342 CWQ22 RS05110 WP 001015250.1 | .....                                                          | 280 |
| NTDB id 407 SMU RS04605 WP 002262865.1      | .....                                                          | 280 |
| consensus                                   |                                                                |     |

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved