

logo

|               |         |            |                |  |    |
|---------------|---------|------------|----------------|--|----|
| NTDB id 1186  | GTF74   | RS01320    | WP 000788426.1 |  | 76 |
| NTDB id 1175  | A1552VC | RS12105    | WP 000788426.1 |  | 76 |
| NTDB id 1408  | DSB67   | RS13980    | WP 010643500.1 |  | 77 |
| NTDB id 95631 | ACT74   | RS08620    | WP 050846294.1 |  | 0  |
| NTDB id 1347  | HI 0435 | AAC22094.1 |                |  | 0  |
| NTDB id 1373  | NTHI    | RS02645    | WP 011272046.1 |  | 0  |
| NTDB id 1465  | ASU2    | RS06170    | WP 014991934.1 |  | 0  |
| NTDB id 1381  | A4U84   | RS02010    | WP 021113424.1 |  | 0  |
| consensus     |         |            |                |  |    |

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|               |         |            |                |  |       |
|---------------|---------|------------|----------------|--|-------|
| NTDB id 1186  | GTF74   | RS01320    | WP 000788426.1 |  | 155   |
| NTDB id 1175  | A1552VC | RS12105    | WP 000788426.1 |  | 155   |
| NTDB id 1408  | DSB67   | RS13980    | WP 010643500.1 |  | 156   |
| NTDB id 95631 | ACT74   | RS08620    | WP 050846294.1 |  | 27    |
| NTDB id 1347  | HI 0435 | AAC22094.1 |                |  | 28    |
| NTDB id 1373  | NTHI    | RS02645    | WP 011272046.1 |  | 28    |
| NTDB id 1465  | ASU2    | RS06170    | WP 014991934.1 |  | 16    |
| NTDB id 1381  | A4U84   | RS02010    | WP 021113424.1 |  | 16    |
| consensus     |         |            |                |  |       |
|               |         |            |                |  | * * * |

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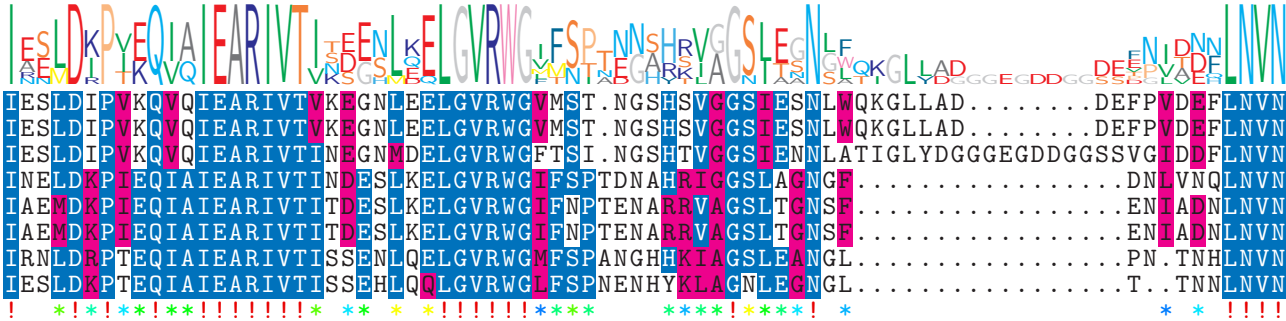
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| NTDB id 1408  | DSB67   | RS13980    | WP 010643500.1 |  | 236       |
| NTDB id 95631 | ACT74   | RS08620    | WP 050846294.1 |  | 106       |
| NTDB id 1347  | HI 0435 | AAC22094.1 |                |  | 108       |
| NTDB id 1373  | NTHI    | RS02645    | WP 011272046.1 |  | 108       |
| NTDB id 1465  | ASU2    | RS06170    | WP 014991934.1 |  | 96        |
| NTDB id 1381  | A4U84   | RS02010    | WP 021113424.1 |  | 96        |
| consensus     |         |            |                |  |           |
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|               |         |            |                |  |           |
|---------------|---------|------------|----------------|--|-----------|
| NTDB id 1186  | GTF74   | RS01320    | WP 000788426.1 |  | 310       |
| NTDB id 1175  | A1552VC | RS12105    | WP 000788426.1 |  | 310       |
| NTDB id 1408  | DSB67   | RS13980    | WP 010643500.1 |  | 311       |
| NTDB id 95631 | ACT74   | RS08620    | WP 050846294.1 |  | 185       |
| NTDB id 1347  | HI 0435 | AAC22094.1 |                |  | 177       |
| NTDB id 1373  | NTHI    | RS02645    | WP 011272046.1 |  | 177       |
| NTDB id 1465  | ASU2    | RS06170    | WP 014991934.1 |  | 166       |
| NTDB id 1381  | A4U84   | RS02010    | WP 021113424.1 |  | 165       |
| consensus     |         |            |                |  |           |
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  
NTDB id 1175 A1552VC RS12105 WP 000788426.1  
NTDB id 1408 DSB67 RS13980 WP 010643500.1  
NTDB id 95631 ACT74 RS08620 WP 050846294.1  
NTDB id 1347 HI 0435 AAC22094.1  
NTDB id 1373 NTHI RS02645 WP 011272046.1  
NTDB id 1465 ASU2 RS06170 WP 014991934.1  
NTDB id 1381 A4U84 RS02010 WP 021113424.1  
consensus



381  
381  
390  
248  
240  
240  
228  
226

logo

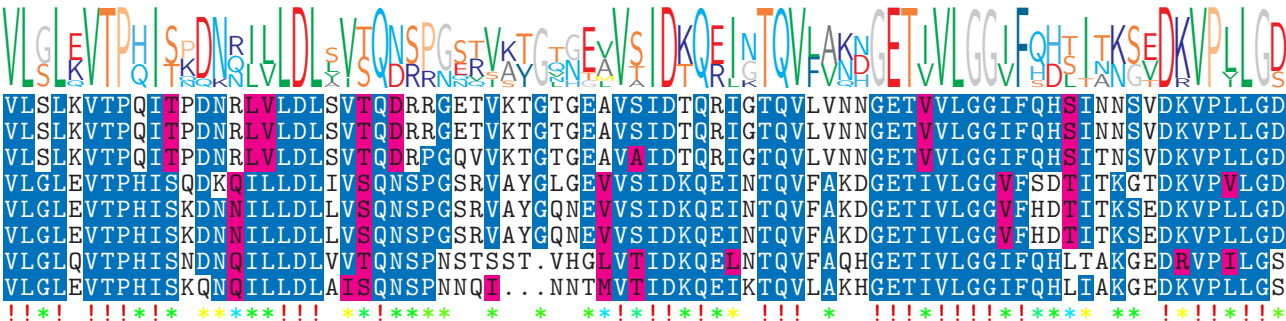
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NTDB id 1373 NTHI RS02645 WP 011272046.1  
NTDB id 1465 ASU2 RS06170 WP 014991934.1  
NTDB id 1381 A4U84 RS02010 WP 021113424.1  
consensus



460  
460  
469  
327  
319  
319  
305  
303

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NTDB id 1186 GTF74 RS01320 WP 000788426.1  
NTDB id 1175 A1552VC RS12105 WP 000788426.1  
NTDB id 1408 DSB67 RS13980 WP 010643500.1  
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NTDB id 1465 ASU2 RS06170 WP 014991934.1  
NTDB id 1381 A4U84 RS02010 WP 021113424.1  
consensus



540  
540  
549  
407  
399  
399  
384  
380

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NTDB id 1186 GTF74 RS01320 WP 000788426.1  
NTDB id 1175 A1552VC RS12105 WP 000788426.1  
NTDB id 1408 DSB67 RS13980 WP 010643500.1  
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NTDB id 1465 ASU2 RS06170 WP 014991934.1  
NTDB id 1381 A4U84 RS02010 WP 021113424.1  
consensus



571  
571  
580  
469  
445  
445  
431  
420

 non conserved  
 similar  
  $\geq 50\%$  conserved