

| NTDB id        | Accession                      | Protein                                                                           | Score |
|----------------|--------------------------------|-----------------------------------------------------------------------------------|-------|
| NTDB id 1306   | DR RS10060 WP 027479822.1      | MALSIIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR | 80    |
| NTDB id 1168   | A1552VC RS11070 WP 000957200.1 | .....                                                                             | 0     |
| NTDB id 1293   | VP RS12240 WP 005479695.1      | .....                                                                             | 0     |
| NTDB id 1401   | DSB67 RS12665 WP 010643259.1   | .....                                                                             | 0     |
| NTDB id 1110   | NGFG RS09235 WP 003689817.1    | .....                                                                             | 0     |
| NTDB id 1251   | GC085 RS07725 WP 011946523.1   | .....                                                                             | 0     |
| NTDB id 413843 | IX0645 RS15775 WP 075243394.1  | .....                                                                             | 0     |
| NTDB id 1058   | ABD1 RS01615 WP 001274986.1    | .....                                                                             | 0     |
| NTDB id 1018   | ACIAD RS01685 WP 004920473.1   | .....                                                                             | 0     |
| consensus      |                                |                                                                                   |       |

| NTDB id        | Accession                      | Sequence                                                                            | Count |
|----------------|--------------------------------|-------------------------------------------------------------------------------------|-------|
| NTDB id 1306   | DR RS10060 WP 027479822.1      | SIRPQTALNLQAFPPFALEGGDRLRVALVDPLSSFSIETLEDDSGGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA | 160   |
| NTDB id 1168   | A1552VC RS11070 WP 000957200.1 | .....                                                                               | 0     |
| NTDB id 1293   | VP RS12240 WP 005479695.1      | .....                                                                               | 0     |
| NTDB id 1401   | DSB67 RS12665 WP 010643259.1   | .....                                                                               | 0     |
| NTDB id 1110   | NGFG RS09235 WP 003689817.1    | .....                                                                               | 0     |
| NTDB id 1251   | GC085 RS07725 WP 011946523.1   | .....                                                                               | 0     |
| NTDB id 413843 | IX0645 RS15775 WP 075243394.1  | .....                                                                               | 0     |
| NTDB id 1058   | ABD1 RS01615 WP 001274986.1    | .....                                                                               | 0     |
| NTDB id 1018   | ACIAD RS01685 WP 004920473.1   | .....                                                                               | 0     |
| consensus      |                                |                                                                                     |       |

| NTDB id   | Accession                      | Length | Consensus |
|-----------|--------------------------------|--------|-----------|
| 1306      | DR RS10060 WP 027479822.1      | 240    | 0         |
| 1168      | A1552VC RS11070 WP 000957200.1 | 0      | 0         |
| 1293      | VP RS12240 WP 005479695.1      | 0      | 0         |
| 1401      | DSB67 RS12665 WP 010643259.1   | 0      | 0         |
| 1110      | NGFG RS09235 WP 003689817.1    | 0      | 0         |
| 1251      | GC085 RS07725 WP 011946523.1   | 0      | 0         |
| 413843    | IX0645 RS15775 WP 075243394.1  | 0      | 0         |
| 1058      | ABD1 RS01615 WP 001274986.1    | 0      | 0         |
| 1018      | ACIAD RS01685 WP 004920473.1   | 0      | 0         |
| consensus |                                |        |           |

| NTDB id        | Accession                      | Protein                                                            | Sequence           | Score |
|----------------|--------------------------------|--------------------------------------------------------------------|--------------------|-------|
| NTDB id 1306   | DR RS10060 WP 027479822.1      | LRADALRLLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR | LGEQLVQEGLSRDQL    | 320   |
| NTDB id 1168   | A1552VC RS11070 WP 000957200.1 | .....MLTNLVAI                                                      | LRQAELISATQ        | 19    |
| NTDB id 1293   | VP RS12240 WP 005479695.1      | .....MHSNLSTI                                                      | LRQKGLLTF SQ       | 19    |
| NTDB id 1401   | DSB67 RS12665 WP 010643259.1   | .....MLTNLSTV                                                      | LRQAGILTFSQ        | 19    |
| NTDB id 1110   | NGFG RS09235 WP 003689817.1    | .....MSVGLLR                                                       | ILVQNQVVTVEQ       | 19    |
| NTDB id 1251   | GC085 RS07725 WP 011946523.1   | .....MALATEEYRLQ                                                   | IGQLLVLEKLLDKTK    | 27    |
| NTDB id 413843 | IX0645 RS15775 WP 075243394.1  | .....MNSVSTTNLVG                                                   | ITGIARRLVQDGALEETA | 29    |
| NTDB id 1058   | ABD1 RS01615 WP 001274986.1    | .....MS..ALHTSPKFT                                                 | IGFFRRLVEEKHVSAAAT | 27    |
| NTDB id 1018   | ACIAD RS01685 WP 004920473.1   | .....MS..AFTTPPKF                                                  | SGFIRRLVEEGYVNAQN  | 27    |
| consensus      |                                |                                                                    | **** *!***** *     |       |

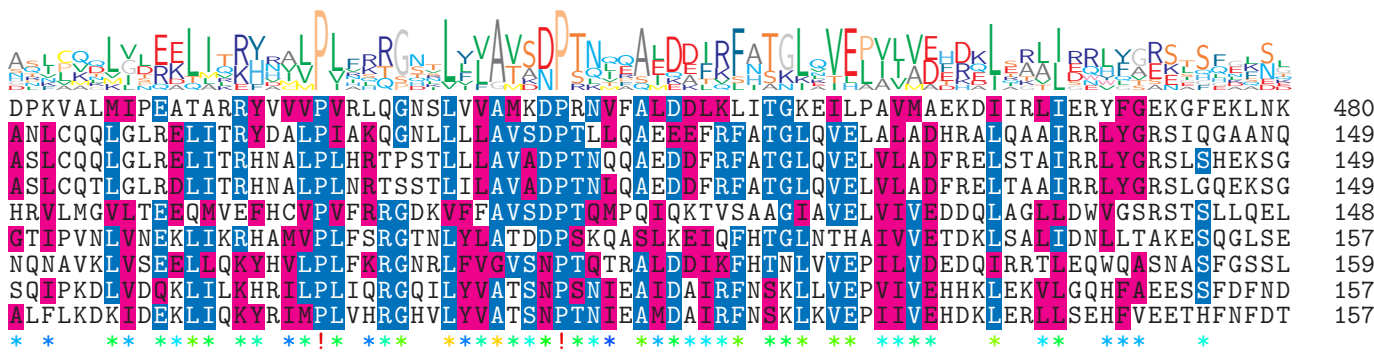
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consensus



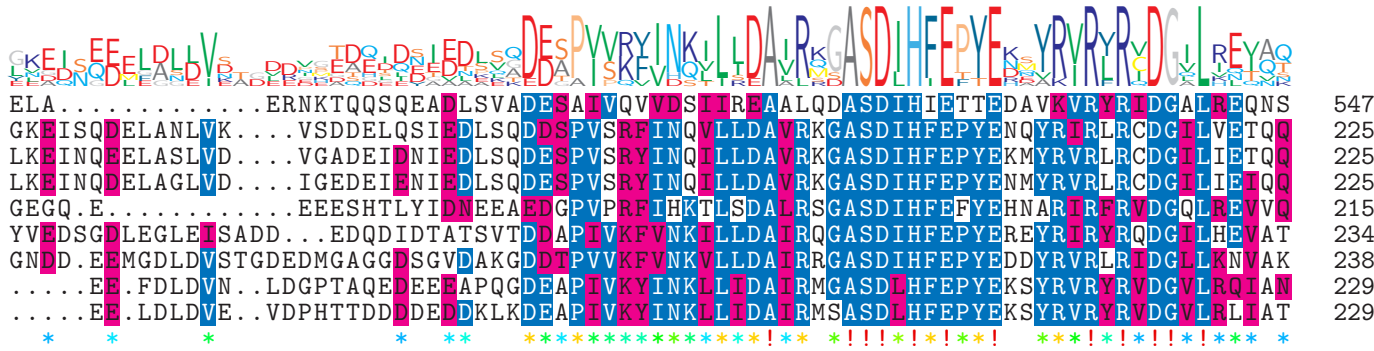
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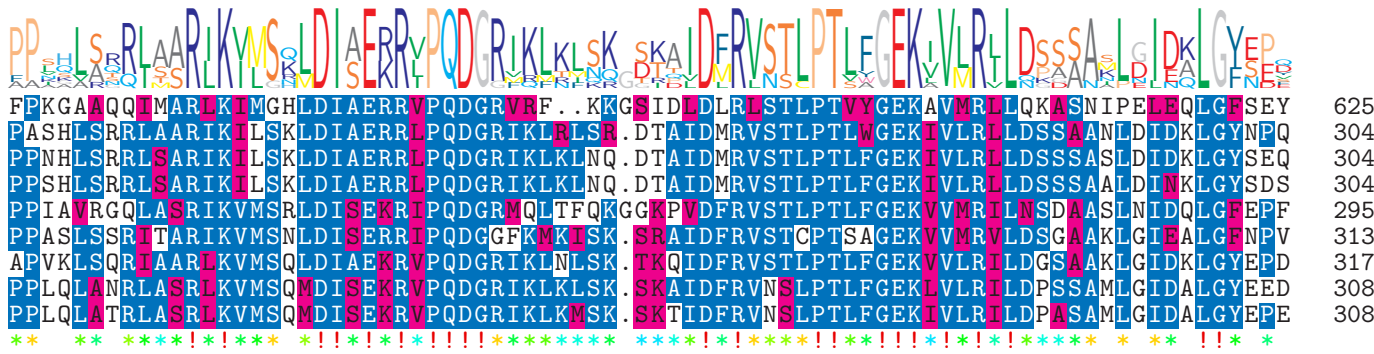
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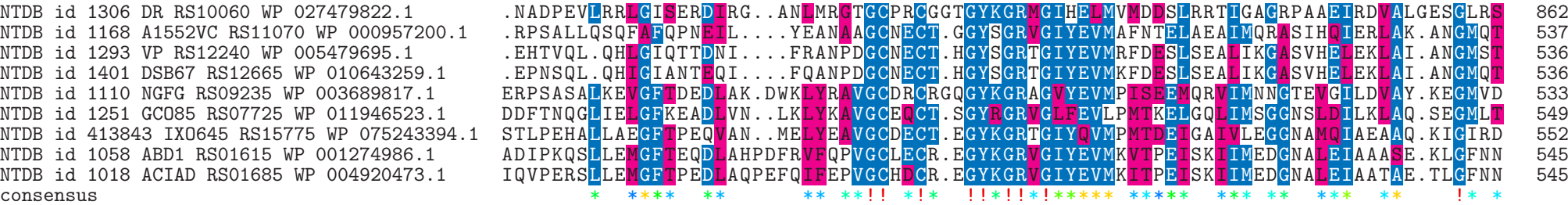
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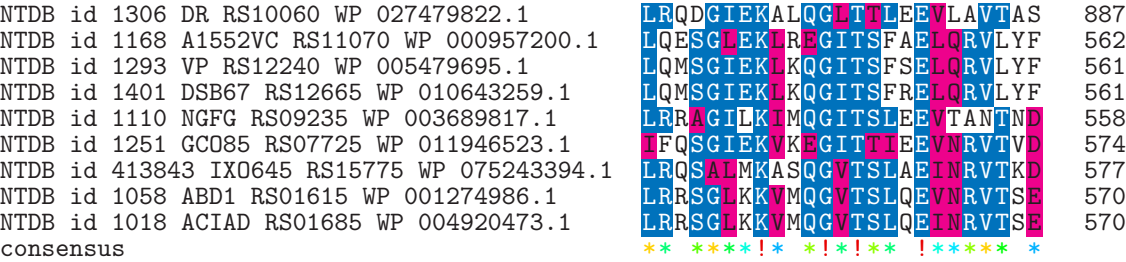
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 non conserved  
 similar  
  $\geq 50\%$  conserved