

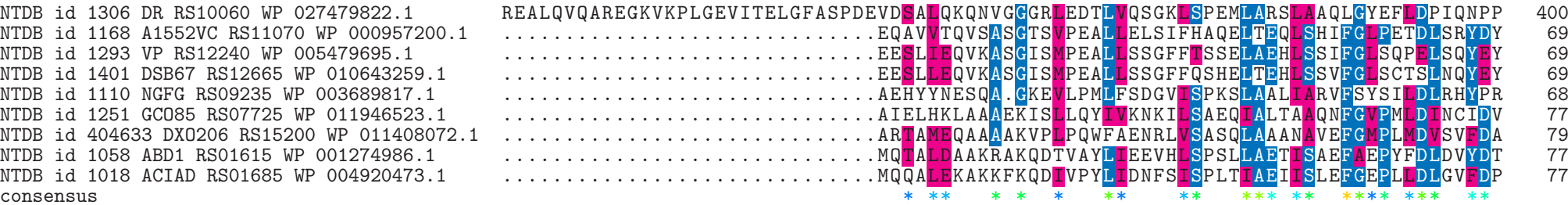
| NTDB id        | Accession                      | Protein                                                                            | Score |
|----------------|--------------------------------|------------------------------------------------------------------------------------|-------|
| NTDB id 1306   | DR RS10060 WP 027479822.1      | MALSIIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR | 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 404633 | DX0206 RS15200 WP 011408072.1  | .....                                                                              | 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 404633 | DX0206 RS15200 WP 011408072.1  | .....                                                                               | 0     |
| NTDB id 1058   | ABD1 RS01615 WP 001274986.1    | .....                                                                               | 0     |
| NTDB id 1018   | ACIAD RS01685 WP 004920473.1   | .....                                                                               | 0     |
| consensus      |                                |                                                                                     |       |

|           |        |                                |  |  |  |          |                                      |                                       |     |
|-----------|--------|--------------------------------|--|--|--|----------|--------------------------------------|---------------------------------------|-----|
|           |        |                                |  |  |  | GRTGGKLG | ERLITHGYITDAQLQVALDAQQQTGEALGATLISQR | AITEDQLYEVLAEEQEGTTFLPNPSGFHPGEEVLGSM |     |
| NTDB id   | 1306   | DR RS10060 WP 027479822.1      |  |  |  | GRTGGKLG | ERLITHGYITDAQLQVALDAQQQTGEALGATLISQR | AITEDQLYEVLAEEQEGTTFLPNPSGFHPGEEVLGSM | 240 |
| 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   | 404633 | DX0206 RS15200 WP 011408072.1  |  |  |  | .        | .                                    | .                                     | 0   |
| NTDB id   | 1058   | ABD1 RS01615 WP 001274986.1    |  |  |  | .        | .                                    | .                                     | 0   |
| NTDB id   | 1018   | ACIAD RS01685 WP 004920473.1   |  |  |  | .        | .                                    | .                                     | 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 | .....MLTNLVAIILRQAELISATQ.                                         |                 | 19    |
| NTDB id 1293   | VP RS12240 WP 005479695.1      | .....MHSNLSTILRQKGLLTFSQ.                                          |                 | 19    |
| NTDB id 1401   | DSB67 RS12665 WP 010643259.1   | .....MLTNLSTVLRQAGILTFSQ.                                          |                 | 19    |
| NTDB id 1110   | NGFG RS09235 WP 003689817.1    | .....MSVGLLRILVQNQVVTVEQ.                                          |                 | 19    |
| NTDB id 1251   | GC085 RS07725 WP 011946523.1   | .....MALATEEYRLQGIGQLLVLEKLLDKTK.                                  |                 | 27    |
| NTDB id 404633 | DX0206 RS15200 WP 011408072.1  | .....MNSVSTTNLVGITGIARRLVQDGALEETA.                                |                 | 29    |
| NTDB id 1058   | ABD1 RS01615 WP 001274986.1    | .....MS..ALHTSPKFTGFFRRLVEEKHVSAAAT.                               |                 | 27    |
| NTDB id 1018   | ACIAD RS01685 WP 004920473.1   | .....MS..AFTTPPKFSGFIRRLVEEGYVNAQN.                                |                 | 27    |
| consensus      |                                |                                                                    | **** *!***** *  |       |

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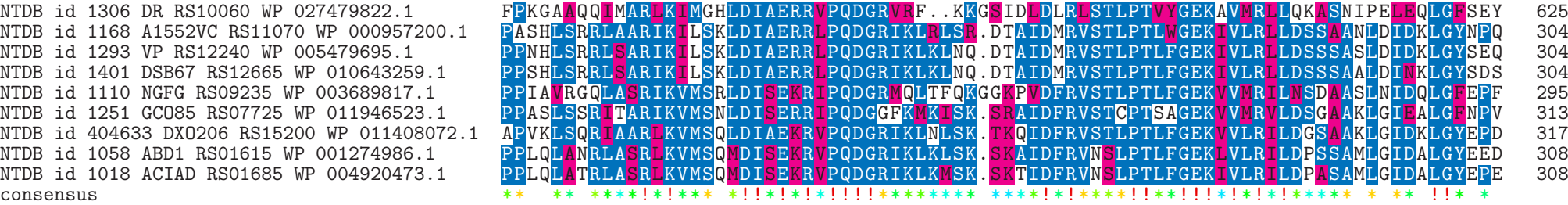
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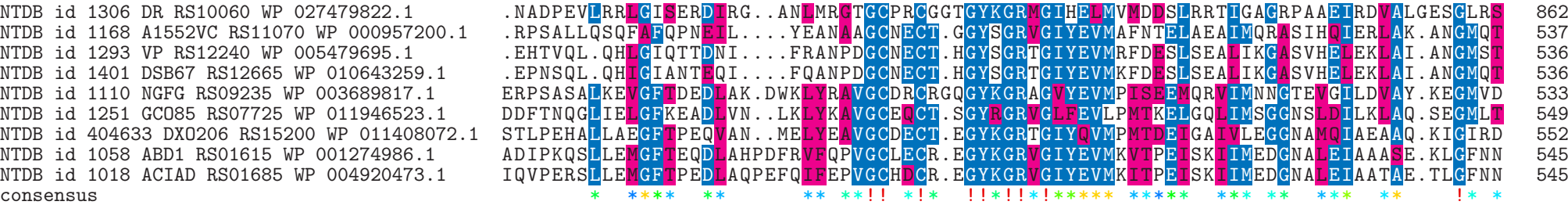
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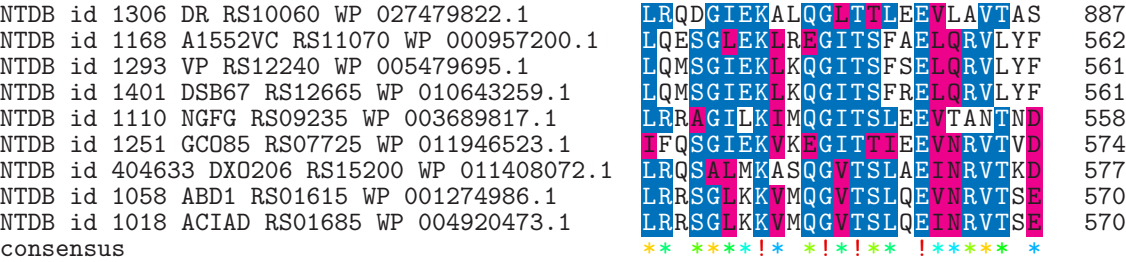
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 non conserved  
 similar  
  $\geq 50\%$  conserved