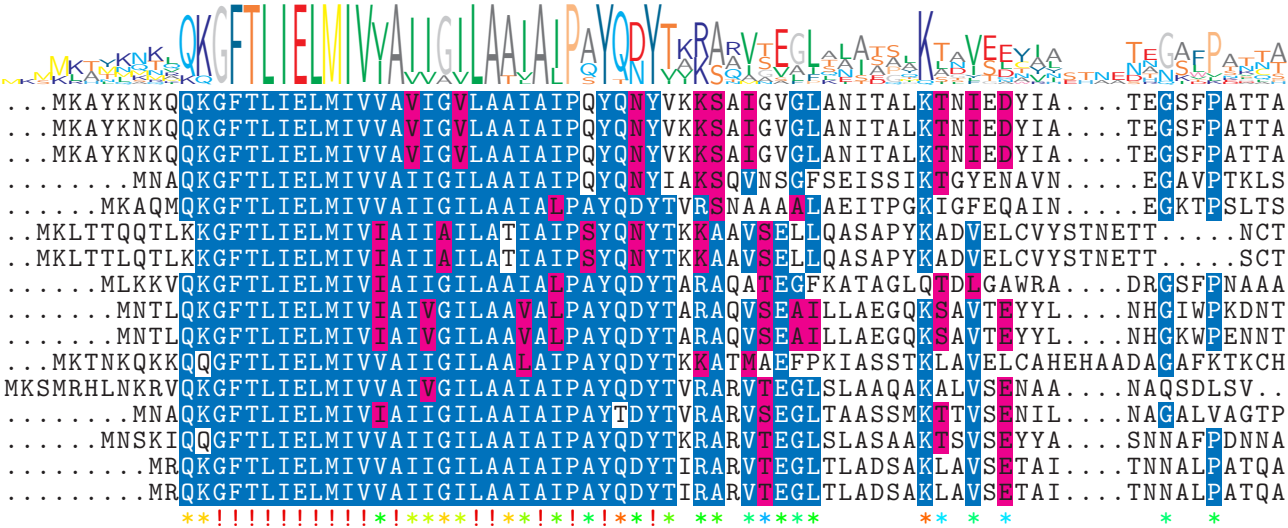


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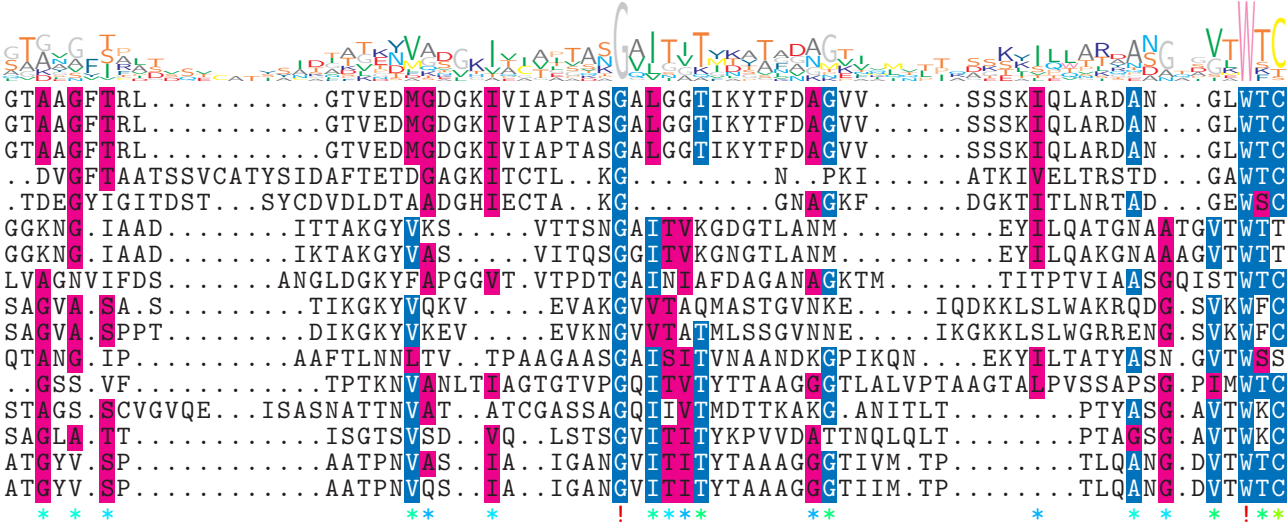
|           |    |        |            |             |            |             |
|-----------|----|--------|------------|-------------|------------|-------------|
| NTDB      | id | 1184   | GTF74      | RS02335     | WP         | 000649326.1 |
| NTDB      | id | 1167   | A1552VC    | RS11065     | WP         | 000649326.1 |
| NTDB      | id | 1160   | ABDM36     | RS02330     | WP         | 000649326.1 |
| NTDB      | id | 1038   | HON27      | RS01510     | WP         | 000993725.1 |
| NTDB      | id | 1197   | PSJM300    | 03940       | AFN76866.1 |             |
| NTDB      | id | 1365   | NTHI       | RS01955     | WP         | 011271973.1 |
| NTDB      | id | 1354   | HI         | 0299        | AAC21963.1 |             |
| NTDB      | id | 1191   | AAC28468.1 | 484..945( ) |            |             |
| NTDB      | id | 1109   | OK783      | RS10670     | WP         | 157147416.1 |
| NTDB      | id | 1119   | NGFG       | RS11465     | WP         | 017147169.1 |
| NTDB      | id | 1400   | DSB67      | RS12660     | WP         | 010643261.1 |
| NTDB      | id | 1424   | RS         | RS02795     | WP         | 011000517.1 |
| NTDB      | id | 1002   | ACIAD      | RS15100     | WP         | 004923779.1 |
| NTDB      | id | 293353 | DKK66      | RS05740     | WP         | 131356169.1 |
| NTDB      | id | 1274   | LPP        | RS09530     | WP         | 011214168.1 |
| NTDB      | id | 1258   | GCO85      | RS09745     | WP         | 014844212.1 |
| consensus |    |        |            |             |            |             |



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| NTDB id   | 1184   | GTF74      | RS02335     | WP         | 000649326.1 |
| NTDB id   | 1167   | A1552VC    | RS11065     | WP         | 000649326.1 |
| NTDB id   | 1160   | ABDM36     | RS02330     | WP         | 000649326.1 |
| NTDB id   | 1038   | HON27      | RS01510     | WP         | 000993725.1 |
| NTDB id   | 1197   | PSJM300    | 03940       | AFN76866.1 |             |
| NTDB id   | 1365   | NTHI       | RS01955     | WP         | 011271973.1 |
| NTDB id   | 1354   | HI         | 0299        | AAC21963.1 |             |
| NTDB id   | 1191   | AAC28468.1 | 484..945( ) |            |             |
| NTDB id   | 1109   | OK783      | RS10670     | WP         | 157147416.1 |
| NTDB id   | 1119   | NGFG       | RS11465     | WP         | 017147169.1 |
| NTDB id   | 1400   | DSB67      | RS12660     | WP         | 010643261.1 |
| NTDB id   | 1424   | RS         | RS02795     | WP         | 011000517.1 |
| NTDB id   | 1002   | ACIAD      | RS15100     | WP         | 004923779.1 |
| NTDB id   | 293353 | DKK66      | RS05740     | WP         | 131356169.1 |
| NTDB id   | 1274   | LPP        | RS09530     | WP         | 011214168.1 |
| NTDB id   | 1258   | GCO85      | RS09745     | WP         | 014844212.1 |
| consensus |        |            |             |            |             |



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|----------------|------------|-------------|----------------|---------------------------------------------|-----|
| NTDB id 1184   | GTF74      | RS02335     | WP 000649326.1 | STTV.....TSEIAPKGCTAGATIN.....              | 153 |
| NTDB id 1167   | A1552VC    | RS11065     | WP 000649326.1 | STTV.....TSEIAPKGCTAGATIN.....              | 153 |
| NTDB id 1160   | ABDM36     | RS02330     | WP 000649326.1 | STTV.....TSEIAPKGCTAGATIN.....              | 153 |
| NTDB id 1038   | HON27      | RS01510     | WP 000993725.1 | VSDV.....PTEFLPKGCTAGTPTEGAITSL             | 149 |
| NTDB id 1197   | PSJM300    | 03940       | AFN76866.1     | ASTL.....DAKYKPGKCS.....                    | 139 |
| NTDB id 1365   | NTHI       | RS01955     | WP 011271973.1 | TCKGT.....DASLFPANFCGSVTQ.....              | 149 |
| NTDB id 1354   | HI         | 0299        | AAC21963.1     | TCKGT.....DASLFPANFCGSVTK.....              | 149 |
| NTDB id 1191   | AAC28468.1 | 484..945( ) |                | APGA.....ANGIETRRLPSTCQ*.....               | 153 |
| NTDB id 1109   | OK783      | RS10670     | WP 157147416.1 | GQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT.....  | 164 |
| NTDB id 1119   | NGFG       | RS11465     | WP 017147169.1 | GQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK..... | 166 |
| NTDB id 1400   | DSB67      | RS12660     | WP 010643261.1 | ECKDA.....TNAVQTSYCP.....                   | 154 |
| NTDB id 1424   | RS         | RS02795     | WP 011000517.1 | YAQNKAQAASS.VAPSGTMSLAAKYAPAECR.....        | 168 |
| NTDB id 1002   | ACIAD      | RS15100     | WP 004923779.1 | TTTS.....DKKYVPSECRG.....                   | 147 |
| NTDB id 293353 | DKK66      | RS05740     | WP 131356169.1 | AAPA.....TNGVPSNWLPSNCR.....                | 142 |
| NTDB id 1274   | LPP        | RS09530     | WP 011214168.1 | TGGT.....LLAKYRPASCRP.....                  | 136 |
| NTDB id 1258   | GC085      | RS09745     | WP 014844212.1 | TGGT.....LLAKYRPASCRP.....                  | 136 |
| consensus      |            |             |                | .....*!*                                    |     |

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved