

[illegible]

NTDB id 1184 GTF74 RS02335 WP 000649326.1 ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQI LARDANGLWTCSTT.VTSEIAPKG.CTA 148

NTDB id 1167 A1552VC RS11065 WP 000649326.1 ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQI LARDANGLWTCSTT.VTSEIAPKG.CTA 148

NTDB id 1160 ABDM36 RS02330 WP 000649326.1 ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQI LARDANGLWTCSTT.VTSEIAPKG.CTA 148

NTDB id 1383 A4U84 RS08530 WP 005711781.1 CVRADKSDVPDAKYLKSISVASGVITVAGKGNIDG.YGYTMPK.FA.....NNNITWATSCQGADISLFPAFCCQ 150

NTDB id 180976 A4202 RS02455 WP 005741096.1 CTRADAA..ASKKYLKAITVKA GVITVIGQSLEG.TSYTLTASGNA.....AQGVSWTVNCG.AQSDIFPAGFCA. 144

NTDB id 1365 NTHI RS01955 WP 011271973.1 CTAADIT..TAKGYVKSVTTSGAITVKG DGTLAN.MEYILQA TGNA.....ATGVTWTTCKGTDASFPAFCCS 146

NTDB id 1354 HI 0299 AAC21963.1 CTAADIK..TAKGYVASVITQSGGITVKGNGT LAN.MEYILQAAGKNA.....AGVTWTTTCKGTDASFPAFCCS 146

consensus \*\*\*! \* \* \*\*\*\* \* \*\* !!!!!!! \* \* \* \* !! \* \* \* \* \*

|                |         |         |            |             |       |     |
|----------------|---------|---------|------------|-------------|-------|-----|
| NTDB id 1184   | GTF74   | RS02335 | WP         | 000649326.1 | GATIN | 153 |
| NTDB id 1167   | A1552VC | RS11065 | WP         | 000649326.1 | GATIN | 153 |
| NTDB id 1160   | ABDM36  | RS02330 | WP         | 000649326.1 | GATIN | 153 |
| NTDB id 1383   | A4U84   | RS08530 | WP         | 005711781.1 | KATP. | 154 |
| NTDB id 180976 | A4202   | RS02455 | WP         | 005741096.1 | ..... | 144 |
| NTDB id 1365   | NTHI    | RS01955 | WP         | 011271973.1 | VTQ.. | 149 |
| NTDB id 1354   | HI      | 0299    | AAC21963.1 |             | VTK.. | 149 |
| consensus      |         |         |            |             | ***   |     |

[illegible][illegible]

GATIN

|       |     |
|-------|-----|
| GATIN | 153 |
| GATIN | 153 |
| GATIN | 153 |
| KATP. | 154 |
| ..... | 144 |
| VTQ.. | 149 |
| VTK.. | 149 |

-  non conserved
-  similar
-  >50% conserved