

**Supplementary Table 2.** Estimates of evolutionary divergence rate between the amino acid (A) and nucleotide (B) sequences of the polypeptide of the assembled genomes. The rate variation among sites was modelled with a gamma distribution (shape parameter = 1). The actual number of differences are provided in the parentheses.

| <b>A</b>         | <b>BG_1_poly</b> | <b>BG_2_poly</b> | <b>BG_3_poly</b> | <b>BG_4_poly</b> | <b>BG_5_poly</b> | <b>BG_6_poly</b> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BG_1_poly</b> | 0 (0)            | 0 (0)            | 0 (0)            | 0 (0)            | 0.00206 (2)      | 0.00206 (2)      |
| <b>BG_2_poly</b> |                  | 0 (0)            | 0 (0)            | 0 (0)            | 0.00206 (2)      | 0.00206 (2)      |
| <b>BG_3_poly</b> |                  |                  | 0 (0)            | 0 (0)            | 0.00206 (2)      | 0.00206 (2)      |
| <b>BG_4_poly</b> |                  |                  |                  | 0 (0)            | 0.00206 (2)      | 0.00206 (2)      |
| <b>BG_5_poly</b> |                  |                  |                  |                  | 0 (0)            | 0 (0)            |
| <b>BG_6_poly</b> |                  |                  |                  |                  |                  | 0 (0)            |

| <b>B</b>         | <b>BG_1_poly</b> | <b>BG_2_poly</b> | <b>BG_3_poly</b> | <b>BG_4_poly</b> | <b>BG_5_poly</b> | <b>BG_6_poly</b> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BG_1_poly</b> | 0 (0)            | 0 (0)            | 0 (0)            | 0 (0)            | 0.00308 (9)      | 0.00308 (9)      |
| <b>BG_2_poly</b> |                  | 0 (0)            | 0 (0)            | 0 (0)            | 0.00308 (9)      | 0.00308 (9)      |
| <b>BG_3_poly</b> |                  |                  | 0 (0)            | 0 (0)            | 0.00308 (9)      | 0.00308 (9)      |
| <b>BG_4_poly</b> |                  |                  |                  | 0 (0)            | 0.00308 (9)      | 0.00308 (9)      |
| <b>BG_5_poly</b> |                  |                  |                  |                  | 0 (0)            | 0 (0)            |
| <b>BG_6_poly</b> |                  |                  |                  |                  |                  | 0 (0)            |