**Table S3.** Uncorrected *H3* *p*-distances calculated based on individual gene of 8 described *Phestilla* species

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | *Phestilla subodiosa* HKBU\_1 |  |  |  |  |  |  |  |  |  |  |
| 2 | *Phestilla subodiosa* HKBU\_2 | 0.000 |  |  |  |  |  |  |  |  |  |
| 3 | *Phestilla chaetopterana* | 0.086 | 0.086 |  |  |  |  |  |  |  |  |
| 4 | *Phestilla* *fuscostriata* | 0.045 | 0.045 | 0.070 |  |  |  |  |  |  |  |
| 5 | *Phestilla goniophaga* | 0.078 | 0.078 | 0.088 | 0.070 |  |  |  |  |  |  |
| 6 | *Phestilla lugubris* | 0.075 | 0.075 | 0.081 | 0.063 | 0.034 |  |  |  |  |  |
| 7 | *Phestilla melanobrachia* | 0.078 | 0.078 | 0.092 | 0.070 | 0.037 | 0.045 |  |  |  |  |
| 8 | *Phestilla poritophages* | 0.091 | 0.091 | 0.101 | 0.078 | 0.059 | 0.038 | 0.074 |  |  |  |
| 9 | *Phestilla subodiosa*\_Hong Kong Aquarium | 0.000 | 0.000 | 0.086 | 0.045 | 0.078 | 0.075 | 0.078 | 0.091 |  |  |
| 10 | *Phestilla subodiosa\_*Steinhart Aquarium | 0.000 | 0.000 | 0.086 | 0.045 | 0.078 | 0.075 | 0.078 | 0.091 | 0.000 |  |
| 11 | *Phestilla viei* | 0.041 | 0.041 | 0.059 | 0.010 | 0.059 | 0.052 | 0.059 | 0.071 | 0.041 | 0.041 |