

Table S7. Annotation of mitogenome of *Trichomya hirsuta*

| Gene          | Position      | Strand<br>direction | Codon<br>(Start) | Codon<br>(Stop) | Anticodon | Intergenic<br>spacers |
|---------------|---------------|---------------------|------------------|-----------------|-----------|-----------------------|
| <i>cox1</i>   | 1–1,662       | +                   | ATT              | TAA             |           |                       |
| <i>atp6</i>   | 1,672–2,385   | +                   | ATG              | TAA             |           | 9                     |
| <i>trnT</i>   | 2,390–2,454   | +                   |                  |                 | TGT       | 4                     |
| <i>nad4l</i>  | 2,458–2,736   | +                   | ATG              | TAA             |           | 3                     |
| <i>nad5</i>   | 2,752–4,470   | +                   | ATG              | TAA             |           | 16                    |
| <i>nad6</i>   | 4,470–4,949   | +                   | ATG              | TAA             |           | -1                    |
| <i>D-loop</i> | 4,950–7,331   | +                   |                  |                 |           |                       |
| <i>trnF</i>   | 7,330–7,400   | +                   |                  |                 | GAA       | -2                    |
| <i>rrnS</i>   | 7,401–8,345   | +                   |                  |                 |           |                       |
| <i>trnG</i>   | 8,346–8,412   | +                   |                  |                 | TCC       |                       |
| <i>trnN</i>   | 8,413–8,477   | +                   |                  |                 | GTT       |                       |
| <i>trnE</i>   | 8,478–8,541   | +                   |                  |                 | TTC       |                       |
| <i>trnC</i>   | 8,543–8,610   | +                   |                  |                 | GCA       | 1                     |
| <i>trnI</i>   | 8,613–8,648   | +                   |                  |                 | GAT       | 2                     |
| <i>trnQ</i>   | 8,696–8,765   | +                   |                  |                 | TTG       | 47                    |
| <i>trnD</i>   | 8,768–8,832   | +                   |                  |                 | GTC       | 2                     |
| <i>rrnL</i>   | 8,833–10,099  | +                   |                  |                 |           |                       |
| <i>D-loop</i> | 10,098–11,377 | +                   |                  |                 |           | -2                    |
| <i>trnY</i>   | 11,378–11,444 | +                   |                  |                 | GTA       |                       |
| <i>cytB</i>   | 11,446–12,762 | +                   | ATG              | TAA             |           | 1                     |
| <i>cox2</i>   | 12,788–13,519 | +                   | ATG              | TAA             |           | 15                    |
| <i>trnK</i>   | 13,520–13,590 | +                   |                  |                 | TTT       |                       |
| <i>trnM</i>   | 13,594–13,661 | +                   |                  |                 | CAT       | 3                     |
| <i>trnL1</i>  | 13,664–13,729 | +                   |                  |                 | TAG       | 2                     |
| <i>trnL2</i>  | 13,734–13,798 | +                   |                  |                 | TAA       | 4                     |
| <i>nad1</i>   | 14,007–14,962 | +                   | ATG              | TA-             |           | 8                     |
| <i>trnV</i>   | 14,963–15,028 | +                   |                  |                 | TAC       |                       |
| <i>nad4</i>   | 15,029–16,336 | +                   | ATG              | TAG             |           |                       |
| <i>cox3</i>   | 16,339–17,280 | +                   | ATG              | TAG             |           | 2                     |
| <i>trnS</i>   | 17,280–17,341 | +                   |                  |                 | TGA       | -1                    |
| <i>trnM</i>   | 17,358–17,422 | +                   |                  |                 | TAT       | 16                    |
| <i>nad2</i>   | 17,427–18,379 | +                   | ATG              | TA-             |           | 4                     |
| <i>trnR</i>   | 18,380–18,443 | +                   |                  |                 | TCG       |                       |
| <i>trnW</i>   | 18,445–18,513 | +                   |                  |                 | TCA       | 1                     |
| <i>trnA</i>   | 18,514–18,578 | +                   |                  |                 | TGC       |                       |
| <i>trnS</i>   | 18,581–18,648 | +                   |                  |                 | GCT       | 2                     |
| <i>trnH</i>   | 18,649–18,714 | +                   |                  |                 | GTG       |                       |
| <i>trnP</i>   | 18,723–18,788 | +                   |                  |                 | TGG       | 8                     |
| <i>nad3</i>   | 18,790–19,140 | +                   | ATG              | TAG             |           | 1                     |
| <i>atp8</i>   | 19,169–19,432 | +                   | ATG              | TAA             |           | 28                    |