

Table S5. Location of features in the mtDNA of *Pseudovates chlorophaea*

| Gene               | Strand | Position    | Length<br>(nuc.) | Anticodon | Start<br>codon | Stop<br>codon | Intergenic<br>nucleotides |
|--------------------|--------|-------------|------------------|-----------|----------------|---------------|---------------------------|
| <i>trnQ</i>        | -      | 1-70        | 70               | UUG       |                |               | +235                      |
| <i>trnQ</i>        | -      | 306-375     | 70               | UUG       |                |               | +201                      |
| <i>trnI</i>        | +      | 577-643     | 67               | GAU       |                |               | +17                       |
| <i>trnM</i>        | +      | 661-727     | 67               | CAU       |                |               | +3                        |
| <i>ND2</i>         | +      | 731-1757    | 1027             |           | ATA            | T             | 0                         |
| <i>trnW</i>        | +      | 1758-1826   | 69               | UCA       |                |               | -8                        |
| <i>trnC</i>        | -      | 1819-1881   | 63               | GCA       |                |               | +2                        |
| <i>trnY</i>        | -      | 1884-1952   | 69               | GUA       |                |               | +3                        |
| <i>COX1</i>        | +      | 1956-3491   | 1536             |           | TTG            | TAA           | +8                        |
| <i>trnL2</i> (UUR) | +      | 3500-3565   | 66               | UAA       |                |               | +7                        |
| <i>COX2</i>        | +      | 3573-4257   | 685              |           | ATG            | T             | 0                         |
| <i>trnK</i>        | +      | 4258-4329   | 72               | CUU       |                |               | +4                        |
| <i>trnD</i>        | +      | 4334-4400   | 67               | GUC       |                |               | 0                         |
| <i>ATP8</i>        | +      | 4401-4559   | 159              |           | ATT            | TAA           | -4                        |
| <i>ATP6</i>        | +      | 4556-5233   | 678              |           | ATA            | TAA           | -1                        |
| <i>COX3</i>        | +      | 5233-6024   | 792              |           | ATA            | TAA           | +2                        |
| <i>trnG</i>        | +      | 6027-6090   | 64               | UCC       |                |               | 0                         |
| <i>ND3</i>         | +      | 6091-6444   | 354              |           | ATT            | TAA           | +2                        |
| <i>trnA</i>        | +      | 6447-6511   | 65               | UGC       |                |               | +4                        |
| <i>trnR</i>        | +      | 6516-6581   | 66               | UCG       |                |               | +3                        |
| <i>trnN</i>        | +      | 6585-6649   | 65               | GUU       |                |               | 0                         |
| <i>trnS1</i> (AGN) | +      | 6650-6716   | 67               | GCU       |                |               | 0                         |
| <i>trnE</i>        | +      | 6717-6782   | 66               | UUC       |                |               | +1                        |
| <i>trnF</i>        | -      | 6784-6848   | 65               | GAA       |                |               | 0                         |
| <i>ND5</i>         | -      | 6849-8571   | 1723             |           | ATT            | T             | 0                         |
| <i>trnH</i>        | -      | 8572-8640   | 69               | GUG       |                |               | 0                         |
| <i>ND4</i>         | -      | 8641-9979   | 1339             |           | ATG            | T             | -7                        |
| <i>ND4L</i>        | -      | 9973-10254  | 282              |           | ATG            | TAA           | +4                        |
| <i>trnT</i>        | +      | 10259-10320 | 62               | UGU       |                |               | 0                         |
| <i>trnP</i>        | -      | 10321-10383 | 63               | UGG       |                |               | 0                         |
| <i>ND6</i>         | +      | 10384-10887 | 504              |           | ATA            | TAA           | -1                        |
| <i>Cyt b</i>       | +      | 10887-12023 | 1137             |           | ATG            | TAA           | +2                        |
| <i>trnS2</i> (UCN) | +      | 12026-12095 | 70               | UGA       |                |               | +388                      |
| <i>trnL2</i> (UUR) | -      | 12484-12548 | 65               | UAA       |                |               | +613                      |
| <i>trnS2</i> (UCN) | +      | 13162-13231 | 70               | UGA       |                |               | +31                       |
| <i>ND1</i>         | -      | 13263-14189 | 927              |           | ATG            | TAA           | +1                        |
| <i>trnL1</i> (CUN) | -      | 14191-14259 | 69               | UAG       |                |               | 0                         |
| <i>16S rRNA</i>    | -      | 14260-15575 | 1316             |           |                |               | 0                         |
| <i>trnV</i>        | -      | 15576-15646 | 71               | UAC       |                |               | 0                         |
| <i>12S rRNA</i>    | -      | 15646-16253 | 608              |           |                |               |                           |