**Supplemental Table S1: PCR conditions and primers used for used whole mitochondrial genome amplification**

**I.PCR reaction (9731 bp):**

p674: TGTGGTCTTTGGAGTAGAAACC

p675: CCTCTCCACCCTTATCACAACAC

**II.PCR reaction (12083 bp):**

p676: TCATATTATGGCCAAGGGTCAT

p677: ACACCTCTTTACAGTGAAATGCC

**PCR conditions**

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| **PCR Mix** |
| **PCR mix A**10X Buffer: 5 ul50mM MgCl2 : 3 ul10mM dNTP: 2 ul**Primer 674**: 1 ul**Primer 675**: 1 ulTemplate DNA: 1 ul (50 ng) Enzyme: 0.5 ulH2O: 36.5 ulTotal: 50 ul | **PCR mix B**10X Buffer: 5 ul50mM MgCl2 : 3 ul10mM dNTP: 2 ul**Primer 676**: 0.5 ul**Primer 677**: 0.5 ulTemplate DNA: 1 ul (50 ng)Enzyme: 0.5 ulH2O: 38.5 ulTotal: 50 ul |
| **PCR Conditions** |
| 92 ºC   2 min (initial denaturation) | 92 ºC   2 min (initial denaturation) |
| **10 cycles** 92 ºC   20 sec56 ºC   40 sec68 ºC   10 min | **10 cycles** 92 ºC   20 sec56 ºC   40 sec68 ºC   10 min |
| **30 cycles** 92 ºC   20 sec56 ºC   40 sec68 ºC   15 min | **30 cycles** 92 ºC   20 sec56 ºC   40 sec68 ºC   15 min |
| 68 ºC   10 min (final extension)4 ºC     30 min | 68 ºC   10 min (final extension)4 ºC     30 min |