**S3 Table. PCR conditions**

|  |  |  |
| --- | --- | --- |
| **PCR ingredients**  | **Nuclear** | **Mitochondrial** |
| AmpliTaq buffer (10X) | 2.5 | 2.5 |
| MgCl2 (25mM) | 1.5 (2.5) | 3.0 (4.0) |
| dNTPs (10 mM each) | 0.5 | 0.25 |
| Bovine Serum Albumin (20 ug/μl) | 0.1 | 0 |
| AmpliTaq Taq (5 U/μl) | 0.1 | 0.2 |
| forward primer (10 μM) | 0.5 | 1.25 |
| reverse primer (10 μM) | 0.5 | 1.25 |
| molecular grade H20 | 16.9 (15.9) | 16.05 (15.05) |
| DNA template (~20 ng/μl) | 2 | 0.5 |
| (Reaction total) | 25 | 25 |
|  |
| **Cycling conditions** | **< 1000 bp** | ≥ **1000 bp** |
| Denature | 94°C | 1X | 4 min | 4 min |
| Denature | 94°C | 35X | 30 sec | 30 sec |
| Anneal | 54-63°C | 30 sec | 30 sec |
| Extension | 72°C | 30 sec | 1 min |
| Extension | 72°C | 1X | 10 min | 10 min |

Volumes are in μl