**S2 Table: List of microsatellite loci (with sources) and primers used in multiplex reactions.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Locus** | **Multiplex****(Dye channel)** | **Primer Final (µM)** | **Design species** | **Reference** | **Forward Primer** | **Reverse Primer** | **Note** |
| BMC1 | H (800) | 0.10 | Bell Miner (*Manorina melanophrys*) | Painter et al. 1997 [83] | CTCATGGTGCTTATTTACGTGC | ACTAGCACATTTTGTCAGTTCC |   |
| BMC2 | H (700) | 0.04 | Bell Miner (*Manorina melanophrys*) | Painter et al. 1997 [83] | TCTGAGAGCCTTGGAAATGC | AGTTCACAGCAGAACTCCCG |   |
| BMC3 | H (800) | 0.20 | Bell Miner (*Manorina melanophrys*) | Painter et al. 1997 [83] | CCTGGCTGCCTGCACAGAC | TGAATTGCAGCTTCTGGGTGC |   |
| BMC4 | I2 (700) | 0.20 | Bell Miner (*Manorina melanophrys*) | Painter et al. 1997 [83] | GATAGGAGACTGAGAGACTGTCCC | TTTCTGAAGGGTTAGCTACAGACC | Unable to be scored reliably |
| FhU2 | H (800) | 0.02 | European Pied Flycatcher (*Ficedula hypoleuca*) | Primmer et al. 1996 [84] | GTGTTCTTAAAACATGCCTGGAGG | GCACAGGTAAATATTTGCTGGGCC |   |
| HrU2 | I2 (800) | 0.20 | Barn swallow (*Hirundo rustica*) | Primmeret al. 1995 [85] | CATCAAGAGAGGGATGGAAAGAGG | GAAAAGATTATTTTTCTTTCTCCC |   |
| McYm7 | I2 (800) | 0.02 | Superb fairy-wren (*Malurus cyaneus*) | Double et al. 1997 [86] | CTTTGTGTTGCTGTTAGGTAGAA | GGCTCAACAGCTATTTGCAT |   |
| Pn1 | M2 (800) | 0.02 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | CCACATCGTAGAAGGAAAGACC  | CACCATACCTCCTTTGCATTCCTCC |   |
| Pn12 | N2 (800) | 0.01 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | ACTGCTTGAGGAGGGATGTG  | TGCCAGTCCGTTGGGAAATAC |   |
| Pn13 | N2 (800) | 0.20 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | AAAGAGGGAGTGGTGGTATG  | AAACGGCCAGTCAGATGTGTAG |   |
| Pn15 | N2 (700) | 0.10 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | AGAAGAGCCTCCAGACCACA  | TTGGGAAAGTCTCAACTGGC |   |
| Pn2 | M2 (800) | 0.10 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | GGCTCTTGAGAGGACAAGAAA  | CTCATCCCTCTTCTCTGGAATG |   |
| Pn23 | N2 (800) | 0.01 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | AAAGTCTGACACTGCCTCTCC  | TGGGGAACTGAACTCATCCT |   |
| Pn3 | M2 (800) | 0.01 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | AGTTTTTGTGGTGGGAGCAG  | GGTGCAAACTCAGACACAGAAG |   |
| Pn5 | M2 (700) | 0.10 | New Holland honeyeater (*Phylidonyris novaehollandiae*)  | Myers et al. 2009 [87] | CTGTCCTTTCATCACTTTCATC  | CAGGTTTGTTTTCAGCAGCA |   |
| Pocco8 | H (700) | 0.16 | Crowned leaf warbler (*Phylloscopus occipitalis*) | Benschet al. 1997 [88] | GCATGTCTCTTCAGACATCTGC | ATGTAGAGCTCCCATGGTGG |   |
| P2/P8 (Sexing) | - | 0.125 | Chicken (*Gallus gallus domesticus*) | Griffithset al. 1998 [89] | CTCCCAAGGATGAGRAAYTG | TCTGCATCGCTAAATCCTTT |   |

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