

Appendix A Primer sequence, optimum annealing temperature, and reference for the primers used in microsatellite diversity assessments

| Primer | Forward Primer Sequence | Reverse Primer Sequence | Annealing temperature (°C) | Reference |
|----------|---------------------------|---------------------------|----------------------------|------------------------------|
| GD 12 | TTGAGGTGTTTCTCCCATTGGA | CTAACGAAGCCGCCATTTCTTT | 58 | Hokanson <i>et al.</i> 1998 |
| GD 15 | CGAAAGTGAGCAACGAACTCC | ACTCCATCATCGGGTGGTG | 59 | Hokanson <i>et al.</i> 1998 |
| GD 96 | 5'CGGCGGAAAGCAATCACCT | GCCAGCCCTCTATGGTTCCAGA | 51 | Hokanson <i>et al.</i> 1998 |
| GD 100 | ACAGCAAGGTGTTGGGTAAGAAGGT | TGCGGACAAAGGAAAAAAAAAAGTG | 60 | Hokanson <i>et al.</i> 1998 |
| GD 142 | GGCACCCAAGCCCCTAA | GGAACCTACGACAGCAAAGTTACA | 56 | Hokanson <i>et al.</i> 1998 |
| GD 162 | GAGGCAAGTGACAAAGAAAGATG | AAAATGTAACAACCCGTCCAAGTG | 58 | Hokanson <i>et al.</i> 1998 |
| CH01h01 | GAAAGACTTGCAGTGGGAGC | GGAGTGGGTTTGAGAAGGTT | 56 | Liebhards <i>et al.</i> 2002 |
| CH01f02 | ACCACATTAGAGCAGTTGAGG | CTGGTTTGTTCCTCCAGC | 58 | Liebhards <i>et al.</i> 2002 |
| CH02d08 | TCCAAAATGGCGTACCTCTC | GCAGACACTCACTCACTATCTCTC | 55 | Liebhards <i>et al.</i> 2002 |
| CH01d08 | CTCCGCCGCTATAACACTTC | TACTCTGGAGGGTATGTCAAAG | 60 | Liebhards <i>et al.</i> 2002 |
| CH01f07a | CCCTACACAGTTTCTCAACCC | CGTTTTTGAGCGTAGGAAC | 58 | Liebhards <i>et al.</i> 2002 |
| COLa | AGGAGAAAGCGTTTACCTG | GACTCATTCTTCGTCGTCACTG | 59 | Liebhards <i>et al.</i> 2002 |
| CH05e03 | CGAATATTTTCACTCTGACTGGG | CAAGTTGTTGTACTGCTCCGAC | 60 | Liebhards <i>et al.</i> 2002 |
| CH02d12 | AACCAGATTTGCTTGCCATC | GCTGGTGGTAAACGTGGTG | 60 | Liebhards <i>et al.</i> 2002 |
| CH02b10 | CAAGGAAATCATCAAAGATTCAAG | CAAGTGGCTTCGGATAGTTG | 56 | Liebhards <i>et al.</i> 2002 |
| CH01d09 | GCCATCTGAACAGAATGTGC | CCCTTCATTACATTCCAG | 56 | Liebhards <i>et al.</i> 2002 |
| NH009b | CCGAGCACTACCATTGA | CGTCTGTTTACCGCTTCT | 58 | Yamamoto <i>et al.</i> 2002 |
| NH015a | TTGTGCCCTTTTCTACC | CTTTGATGTTACCCCTTGCTG | 59 | Yamamoto <i>et al.</i> 2002 |
| NZ28f4 | TGCCTCCCTTATATAGCTAC | TGAGGACGGTGAGATTTG | 57 | Guilford <i>et al.</i> 1997 |