

## PCR and sequencing primers used in the Thomas Lab

No.	Primer	Amplified gene	Sequence (5'-3')	Reference
1	D2a	28S	ACAAGTACCGTGAGGGAAAGT	Nunn, 1992
2	D3b	28S	TGCGAAGGAACCAGCTACTA	
3	Ferg-ID2B	28S	AGTAACCTCTTGACCAAAC	
4	D2B	28S	GACCCGTCTTGAAACACGGA	
5	D3aR	28S	TCCGTGTTTCAAGACGGGTC	
6	D3bR	28S	TAGTAGCTGGTTCCTTCGCA	
7	D2F1-Ferg	28S	AGTACCGTGAGGGAAAGTTGAA	Weimin
8	D2R-Ferg	28S	GATAGTTCGATTAGTCTTTCGCC	Weimin
9	D2F2-Ferg	28S	GGAAAGTTGAAAAGCACTTTG	Weimin
10	COI-F1	Cytochrome oxidase subunit I	CCTACTATGATTGGTGGTTTTGGTAATTG	Kanzaki & Futai, 2002
11	COI-R2	Cytochrome oxidase subunit I	GTAGCAGCAGTAAATAAGCACG	Kanzaki & Futai, 2002
12	COI-R1	Cytochrome oxidase subunit I	GTTGAGGGAAAAATGTTAAATTAACTCC	Kanzaki & Futai, 2002
13	COI-F2	Cytochrome oxidase subunit I	CCTGTCTTGGCTGGTGCTATTAC	Kanzaki & Futai, 2002
14	COI-F3	Cytochrome oxidase subunit I	TGAGCTCACCATATGTATACAGTAGG	Kanzaki & Futai, 2002
15	COI-R3	Cytochrome oxidase subunit I	CAATGTAGAGCAAAAATAACTAAATC	Kanzaki & Futai, 2002
16	CO1FD	Cytochrome oxidase subunit I	ATRGTNATRCCNACNATRATYGGNGG	Weimin
17	CO1RD	Cytochrome oxidase subunit I	CCRCRAARTGNARNGGRAARAANGT	Weimin
18	CO1InF	Cytochrome oxidase subunit I	ATGATTGGTGGTTTTGGTAA	Weimin
19	CO1InR	Cytochrome oxidase subunit I	ACAACCAATTAACCAATTC	Weimin
20	18S-G18S4	18S	GCTTGTCTCAAAGATTAAGCC	De Ley et al., 2002
21	18S-18P	18S	TGATCCWKYGCAGGTTTCCAC	De Ley et al., 2002
22	18S AR(420)	18S	CATCTAAGGGCATCACAGACCTGTT	Kelley
23	18S BR(440)	18S	CATCTAAGGGCATCACGGACCTGTT	Kelley

24	18S	18S	AAGTCTGGTGCCAGCAGCCGCGGT		Kelley
25	18SF-Burs	18S	ATGCATGTCTAAGTGGAGTATTATA		Weimin
26	18SR-Burs	18S	CTACGGCTACCTTGTTACGACTTTT		Weimin
27	M13R2,1 Topo	Topo TA cloning	GAAACAGCTATGACCATGATTACGCC		
28	-47	Topo TA cloning	CGCCAGGGTTTTCCAGTCACGAC		

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