

Figure S4: Fusion primers for testing 21 primer sets.

P5 1) ZBJ-ArtF1c	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGGACAGATATTGGAACWTTATATTTTTATTTTTGG
P7 2) fwhF2	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTGCACCTGGDACWGGWTGAACWGTWTAYCCHCC
P5 3) LepF1	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGTCGCAATTCAACCAATCATAAAGATATTGG
P7 4) LCO1490	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTAAGTGGGTCAACAAATCATAAAGATATTGG
P5 5) ArF5	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGGTCGICICIGAYATRKCITTYCCICG
P7 6) BF1	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTCTCCGACWGGWTGRACWGTNTAYCC
P5 7) mlCOIintF	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGCTTGGWACWGGWTGAACWGTWTAYCCYCC
P7 8) mlCOIintF	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTATTACACGGWACWGGWTGAACWGTWTAYCCYCC
P5 9) mlCOIintF-XT	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGCTATGGWACWRGWTGRACWITITAYCCYCC
P7 10) LCO1490	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTACGGCGGTCAACAAATCATAAAGATATTGG
P5 11) MzplankF2	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTAATTTACRGYNGGNACRGGNTGRACNGT
P7 12) MhemF	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTGAAAGCATTYCCACGAATAAATAAYATAAG
P5 13) MlepF1	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGAATTGCTTTCCACGAATAAATAATA
P7 14) BF3	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTCTTCCCHGAYATRGCHTTYCCHCG
P5 15) BF2	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTCTGCGCHCHGAYATRGCHTTYCC
P7 16) Ill_B_F	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTCTGGACCCIGAYATRGCITTYCCICG
P5 17) ArF5	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGTCTGICICIGAYATRKCITTYCCICG
P7 18) RonMWASpdeg	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTGAAGGCGGWTWCWGWATATAKWTTC
P5 19) AncientLepF3	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTAGCTTTTATAATTGGDGGWTTTGGWAATTG
P7 20) LCO1490	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTGCCCCGAGGTCAACAAATCATAAAGATATTGG
P5 21) dgLCO1490	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTATTTTGGTCAACAAATCATAAAGAYATYGG
P7 1) ZBJ-ArtR2c	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTCAAACCGWACTAATCAATWCCAAATCCTCC
P5 2) fwhR2n	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGACATGTRATWGCHCCDGTARWACWGG
P7 3) MLepF1-Rev	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTCTTACGTGAAAWGCTATATCWGGTG
P5 4) 230_R	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTACGTCCTTATRTTTRTTATTCGIGGRAAIGC
P7 5) ArR5	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTGTTGCGTRATIGCICCGIARIACIGG
P5 6) BR2	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGCGGAATTCDDGRTGNCCRAARAAYCA
P7 7) jgHCO2198	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTACGAAATAIACYTCIGGRTGICCRARAAYCA
P5 8) Fol-degen-rev	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTACAGCTANACYTCNGGRTGNCCRAARAAYCA
P7 9) jgHCO2198	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTAAGTATAIACYTCIGGRTGICCRARAAYCA
P5 10) Ill_C_R	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGTGACGGIGGRTAIACIGTTCAICC
P7 11) C_LepFolR	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTCCTCATAAACTTCWGGRTGWCCAAAAAATCA
P5 12) dgHCO2198	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGGTTTAAACTTCAGGGTGACCAARAAYCA
P7 13) C_LepFolR	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTATGCGAGTAAACTTCWGGRTGWCCAAAAAATCA
P5 14) BR2	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCCACACTCDGGRTGNCCRAARAAYCA
P7 15) BR2	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTGGCGTTCDDGGRTGNCCRAARAAYCA
P5 16) HCO2198	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCTTGGCTAAACTTCAGGGTGACCAAAAAATCA
P7 17) Fol-degen-rev	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTAGACTANACYTCNGGRTGNCCRAARAAYCA
P5 18) C_LepFolR	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCTGGGTAAACTTCWGGRTGWCCAAAAAATCA
P7 19) C_LepFolR	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTAAGACAATAACTTCWGGRTGWCCAAAAAATCA
P5 20) HCO2198	AATGATACGGCGACCACCAGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGCATCTAAACTTCAGGGTGACCAAAAAATCA
P7 21) dgHCO2198	CAAGCAGAAGACGGCATAACGAGATGTGACTGGAGTTTACAGCGTGTGCTCTTCCGATCTTGTAATAACTTCAGGGTGACCAARAAYCA

Legend: P5 / P7 Illumina adapter (incl. flow cell & sequencing primer bind)
 In-line tag & heterogeneity spacer
 Forward / Reverse primer