

Figure S4: Fusion primers for testing 21 primer sets.

P5 1) ZBJ-ArtF1c	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGGACAGATATTGGAACWTTATATTTTATTTTGG
P7 2) fwhF2	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTGCACCTGGDACWGGWTGAACWGTWTAYCCHCC
P5 3) LepF1	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGTCGCAATTCAACCAATCATAAAGATATTGG
P7 4) LCO1490	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTAAGTGGGTCAACAAATCATAAAGATATTGG
P5 5) ArF5	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGGTCGICCCIGAYATRCITTYCCICG
P7 6) BF1	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTCTCCGACWGGWTGRACWGTNTAYCC
P5 7) mlCOIintF	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGCTTGGWACWGGWTGAACWGTWTAYCCYCC
P7 8) mlCOIintF	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTATTACACGGWACWGGWTGAACWGTWTAYCCYCC
P5 9) mlCOIintF-XT	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGCTATGGWACWRGWTGRACWITITAYCCYCC
P7 10) LCO1490	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTACGGCGGTCAACAAATCATAAAGATATTGG
P5 11) MzplankF2	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTAATTTACRGYNNGNACRGNGTGRACNGT
P7 12) MhemF	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTGAAAGCATTYCCACGAATAAATAAYATAAG
P5 13) MLepF1	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGAATTGCTTTCCACGAATAAATAATA
P7 14) BF3	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTCTTCCCHGAYATRGCHTTYCCHCG
P5 15) BF2	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTCTGCGCHCHGAYATRGCHTTYCC
P7 16) ill_B_F	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTCTGGACCCIGAYATRGCTITTYCCICG
P5 17) ArF5	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGTCTGCTTCCACGAATAAATAATA
P7 18) RonMWASpdeg	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTGAAGGCGGWTWCWGATATAKWTTC
P5 19) AcientLepF3	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTAGCTTTTATAATTGGDGGWTTTGGWAATTG
P7 20) LCO1490	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTGCCCCGAGGTCAACAAATCATAAAGATATTGG
P5 21) dgLCO1490	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTATTTTGGTCAACAAATCATAAAGAYATYGG
P7 1) ZBJ-ArtR2c	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTCAAACCGWACTAATCAATTWCCAAATCCTCC
P5 2) fwhR2n	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGACATGTRATWGCHCCDGTARWACWGG
P7 3) MLepF1-Rev	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTCTTACGTGGAAGWGTATATCWGGTG
P5 4) 230_R	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTACGTCTTATRTTTRTTATTCIGIGGRAAIGC
P7 5) ArR5	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTGTTCCGTRATIGCICCGIARIACIGG
P5 6) BR2	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGCGGAATTCDDGRTGNCCRAARAAYCA
P7 7) jgHCO2198	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTACGAATAIACYTCIGGRTGICCRARAAYCA
P5 8) Fol-degen-rev	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTACAGCTANACYTCNGGRTGNCCRAARAAYCA
P7 9) jgHCO2198	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTAAGTTAIAACYTCIGGRTGICCRARAAYCA
P5 10) ill_C_R	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTGTGACGGIGGRTAIAICIGTTCAICC
P7 11) C_LepFolR	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTCCTCATAAACTTCWGGRTGWCCAAAAAATCA
P5 12) dgHCO2198	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTTGGTTTAAACTTCAGGGTGACCAARAAYCA
P7 13) C_LepFolR	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTATGCGAGTAAACTTCWGGRTGWCCAAAAAATCA
P5 14) BR2	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCCACACTCDGGRTGNCCRAARAAYCA
P7 15) BR2	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTGCGGTTCDGGRTGNCCRAARAAYCA
P5 16) HCO2198	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCTTGGCTAAACTTCAGGGTGACCAAAAAATCA
P7 17) Fol-degen-rev	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTAGACTANACYTCNGGRTGNCCRAARAAYCA
P5 18) C_LepFolR	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCTGGGTAAACTTCWGGRTGWCCAAAAAATCA
P7 19) C_LepFolR	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTAAGACATAAACTTCWGGRTGWCCAAAAAATCA
P5 20) HCO2198	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCTCGCATCTAAACTTCAGGGTGACCAAAAAATCA
P7 21) dgHCO2198	CAAGCAGAAGACGGCATACGAGATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTGTAATAAACTTCAGGGTGACCAARAAYCA

Legend: P5 / P7 Illumina adapter (incl. flow cell & sequencing primer bind)
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