

Table S2. Primer sequences and PCR conditions for primer pairs

Primer	Sequence (5' to 3')	Reference
LW Rhodopsin		
Opsinfor3Euc	ACA ACG TAA TCG TGA AAG GTT TAT	Dorchin et al. 2018
OpsinbForEuc	TAC GTY CCC GAG GGC AAC AT	Dorchin et al. 2018
OpsinFor2Euc	ATA CCG GAA GTT TGC TTT TGC	Dorchin et al. 2018
OpsinRevEuc	TGA ACC ACA GCG AGA TCG TCA TAA	Dorchin et al. 2018
OpsinbRevEuc	ACC ACA GCG AGA TCG TCA TAA GRG	Dorchin et al. 2018
OpsinRev2Euc	CGG GAA GAA GTA CAC CCA GA	Dorchin et al. 2018
Cytochrome Oxidase I		
COIaFor_Eucerini	TTC GAA TAG AAT TAA GAT GTC	Dorchin et al. 2018
COIbFor_Eucerini	CAA CAT TTA TTT TGA TTT T	Dorchin et al. 2018
COIaRev_Eucerini	TAT ATG ATG WGC YCA AAC AAT A	Dorchin et al. 2018
COIbRev_Eucerini	CAT TCT AAA GAW GAT TGA T	Dorchin et al. 2018
Primer pair		
LW Rhodopsin		
Opsinfor3Euc / OpsinRevEuc	4' 94°C // [1' 94°C / 2' 54°C / 1' 72°C] (35x) // 5' 72°C	
OpsinbForEuc / OpsinbRevEuc	3' 94°C // [45" 94°C / 1' 58°C / 1' 72°C] (35x) // 5' 72°C	
OpsinFor2Euc / OpsinRev2Euc	4' 95°C // [30" 95°C / 1' 54°C / 1' 72°C] (35x) // 5' 72°C	
Cytochrome Oxidase I		
COIaFor_Eucerini / COIaRev_Eucerini	3' 94°C // [1' 94°C / 1.5' 52°C / 1.5' 72°C] (35x) // 7' 72°C	
COIbFor_Eucerini / COIbRev_Eucerini	3' 94°C // [1' 94°C / 2' 48°C / 1.5' 72°C] (35x) // 7' 72°C	