

## Sheet1

Item	Cost	Notes
Illumina MiSeq Sequencing run	\$1,959.00	V3 kit
Illumina multiplex primers	\$1,300.00	6 forward primers + 36 reverse primer pairs (for 216 unique combinations = 42 oligo sequences) x 2 (NRPS and PKS) x 30 bp (est) x \$0.50xBP at 100 nmole
Illumina MiSeq sample preparation services	\$300.00	Size selection, sample cleaning, dilutions
Plasticware, DNA polymerase and other PCR reagents, electrophoresis gel visualizations.	\$1,300.00	\$3.00/reaction x 36 trees x 6 samples/tree x 2 (duplicate pooled PCRs)
DNA purification column kits	\$1,107.00	216 genomic DNA samples, one 250-sample DNAeasy kit
Field equipment	\$200.00	Plastic bags, cooler, pole pruners, etc.
Total	\$5,966.00	
Amount requested from fellowship	\$4,000.00	This projected cost exceeds the \$4000 research support that accompanies the fellowship. We are presenting a conservative estimate of costs here, which may be reduced through sharing of Illumina runs, sourcing of existing unused resources, etc. Additional fundraising will occur if necessary. The shortfall (\$2000) represented here is well within the realm of fundraising goals that the applicant has achieved in previous projects.