

Applicant: Daniel Thomas

## Timeline

**Time requested for completion of project:** 1 year

Phase 1: Primer design and enhancement and PCR trials. 1 month.

Phase 2: Field phase - collection, photography, and stabilization of plant samples. 2 months

Phase 3: Plant sample processing, DNA purification, Illumina library preparation. 2 months

Phase 4: Phenotyping, bioinformatic and statistical analysis. 4 months.

Phase 5: Writing. 3 months.