Ex situ genetic diversity representation for scenarios with 200 total seeds sampled 5 maternal plants 2 maternal plants 10 maternal plants 1.0 0.8 0.6 Proportion of alleles captured Sampling Type Panmictic ideal Panmictic realistic Highly limited ideal 25 maternal plants 50 maternal plants 100 maternal plants Highly limited realistic 1.0 Limited ideal Limited realistic 0.8 0.6

0.4

Eligible

Same

Skewed

Eligible

Same

Donor type

Skewed

Eligible

Same

Skewed