Validation and mapping of QTL-qMrdd1

NT409 × NT411

F₁

× NT409

BC₁

×

BC₁F₂

×

BC₁F₃

×

BC₁F₄

NT401 × NT399

F₁

× NT401

BC₁

× NT401

BC₂F₁

Trait-marker association in 24 HIFs

Fine-mapping of QTL-qMrdd1