



TRAIT LINKED MOLECULAR MARKERS FOR
SOY *Glycine max*

- Brown Stem Rot (*Phialophora gregata*) *Rbs1* and *Rbs2*
- Cyst Nematode (*rhg1*, *rhgt-tl*)
- Phytophthora Root Rot (*Rps1*, *Rps2*, *Rps3*, *Rps4*, *Rps5*, *Rps6*, *Rps8*)
- Frogeye leaf spot (*Cercospora sojina*)
- Sudden death syndrome (SDS), *Fusarium solani f. sp. glycines*
- Oleic acid QTLs SNP
- Powdery mildew (*Microspheera diffusa*)
- Supernodulation *GmNARK* gene SNP
- Non-nodulation (*rj1*) SNP
- Kunitz trypsin inhibitor (SKTI) protein (*Ti*)
- Aphid resistance genes (*Rag1*, *Rag2*)
- Bacterial leaf pustule (BLP) (*rxp*)
- Soybean rust (SBR) (*Phakopsora pachyrhizi*) SNP
- Soybean mosaic virus (*Rsv1*, *Rsv3*, *Rsv4*, *Rsc8*, *Rsc14Q*)
- Asian soybean rust (ASR) (*Phakopsora pachyrhizi*) SNP
- D-myo-inositol 3-phosphate synthase 1 gene (*MIPS1*) SNP



DNA MARKER COLLECTION



Accuracy. Value. Speed.

Ag-Biotech is committed to giving you, our clients, the best service in plant marker technology. Our marker panels are thoroughly tested using proven methods. Utmost attention to the integrity of our protocols ensures the highest uniformity and reliability of assay results. As experts in plant genomics and biotechnology, you can rely on us for DNA markers that meet your breeding needs. Our in-house processes for genotyping include:

- High-speed liquid dispensing with non-contact technology, for clean and accurate data
- Rapid fluorescence detection that guarantee the most sensitive assays in the market
- High-throughput 384 and 1536 thermal cycling so you receive your data on time

GENOTYPING SERVICES

We also offer direct seed DNA extraction using SNP-based analysis for cultivar identification, purity and genotyping. See our complete list of DNA markers.

From seed to harvest, we provide you with the advantage of a fully-equipped DNA marker laboratory, at a fraction of the cost. Excellence in plant genetic analysis is our promise, every time. Contact us today for your marker needs.