

## **SGN - Breeders Toolbox**

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The SOL Genomics Network (SGN, [www.sgn.cornell.edu](http://www.sgn.cornell.edu)) is a clade-oriented database containing genomic, genetic, phenotypic and taxonomic information for species in the Euasterid clade, including the Solanaceae (e.g. tomato, potato, eggplant, pepper, petunia) and Rubiaceae (coffee). SGN is also one of the centers involved in the International Tomato Sequencing Project and serves as the repository for all the data generated by the project. There is an extensive amount of information available on SGN that would be useful to plant breeders for advancing their programs. In order to make this information easily accessible for breeders, work is in progress on a Breeders Toolbox ([www.sgn.cornell.edu/breeders](http://www.sgn.cornell.edu/breeders)). This toolbox currently contains a number of features including phenotype and traits databases, CAPS designer, and intron finder. A SNP discovery tool is under construction, which will be part of the SolCAP project ([www.solcap.msu.edu](http://www.solcap.msu.edu)). Our goal is to make the toolbox a resource that will be easy to use and in a format where information can be accessed quickly. It is a work in progress and feedback from the community is critical for us to reach our goal of making this a valuable and user-friendly resource.