

## SNP analysis platforms at TraitGenetics Illumina technology

As a co-developer of many plant genotyping arrays and a certified Illumina Infinium Service Provider, TraitGenetics performs array-based genotyping for many thousands of samples each month. TraitGenetics offers the delivery of fully analyzed data based on the available cluster files (most of the available cluster files for plant arrays have been developed with a contribution of TraitGenetics).

Examples for routinely used Infinium arrays are:

Wheat	90K and optimized 15K for hexaploid and Durum wheat
Cotton	63K
Brassica	60K and optimized 15K for diploid and tetraploid samples
Maize	50K
Sunflower	30K
Pepper	19K
Potato	12K
Tomato	10K
Barley	9K
Oat	6K
Soybean	6K

In addition, we have developed genotyping arrays directly with customers for other plant species including SNP identification through NGS sequencing, SNP identification and selection, analysis of samples, development of cluster files, and data analysis (e.g. genetic mapping).

For more information about our plant genotyping experience and services, please do not hesitate to contact us:

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