









## SNP Genotyping Affymetrix Axiom

High throughput automated technology





Two array type: HD-96 samples and LD-384 samples





Variable amount of SNPs according to species

## **AXIOM EXPERT DESIGN GENOTYPING ARRAYS**

Array	HD-96 samples	LD-384 samples
Bovine		51,987 markers
Equine	670,796 markers	
Porcine		55,150 markers
Strawberry	95,062 markers	
Trout		57,501 markers
Wheat	817,000 markers in a two-array set	35,000 markers

Axiom Affymetrix allow flexible access to custom your own array. They are supported by a world-class design team for fast design and delivery. Fully or semi-customized arrays containing 1,500 to 2.6 million markers can be designed.

- Up to 3072 samples per week
- Total genomic DNA used 200ng

## **WORKFLOW** Ligation Signal amplification Target prep Hybridization Differentiate Stain and image Amplify Capture Fragment Label **~~**< **♂**へ □ ~~· Labeled solution probe

## **CLUSTER PLOT**









