

Genotyping
Microarrays

Next-Generation
Sequencing

Illumina platforms
(e.g. BeadChip family)

Common platforms

Intensity data

Alignment of reads
to reference genome

SNP-calling

SNP-calling

Allele definitions

Genome builds

Allele definition

Genome builds

Plus

b36

Fwd

b37

Top

b38

A/B

...

GACT

Prediction/Conversion

Plus

b36

b37

b38

...

Meta-analysis

(e.g. METAL,
GWAMA)

Imputation

(e.g. IMPUTE2,
BEAGLE, MaCH)

Association tests

(e.g. PLINK,
SNPTEST)

Others