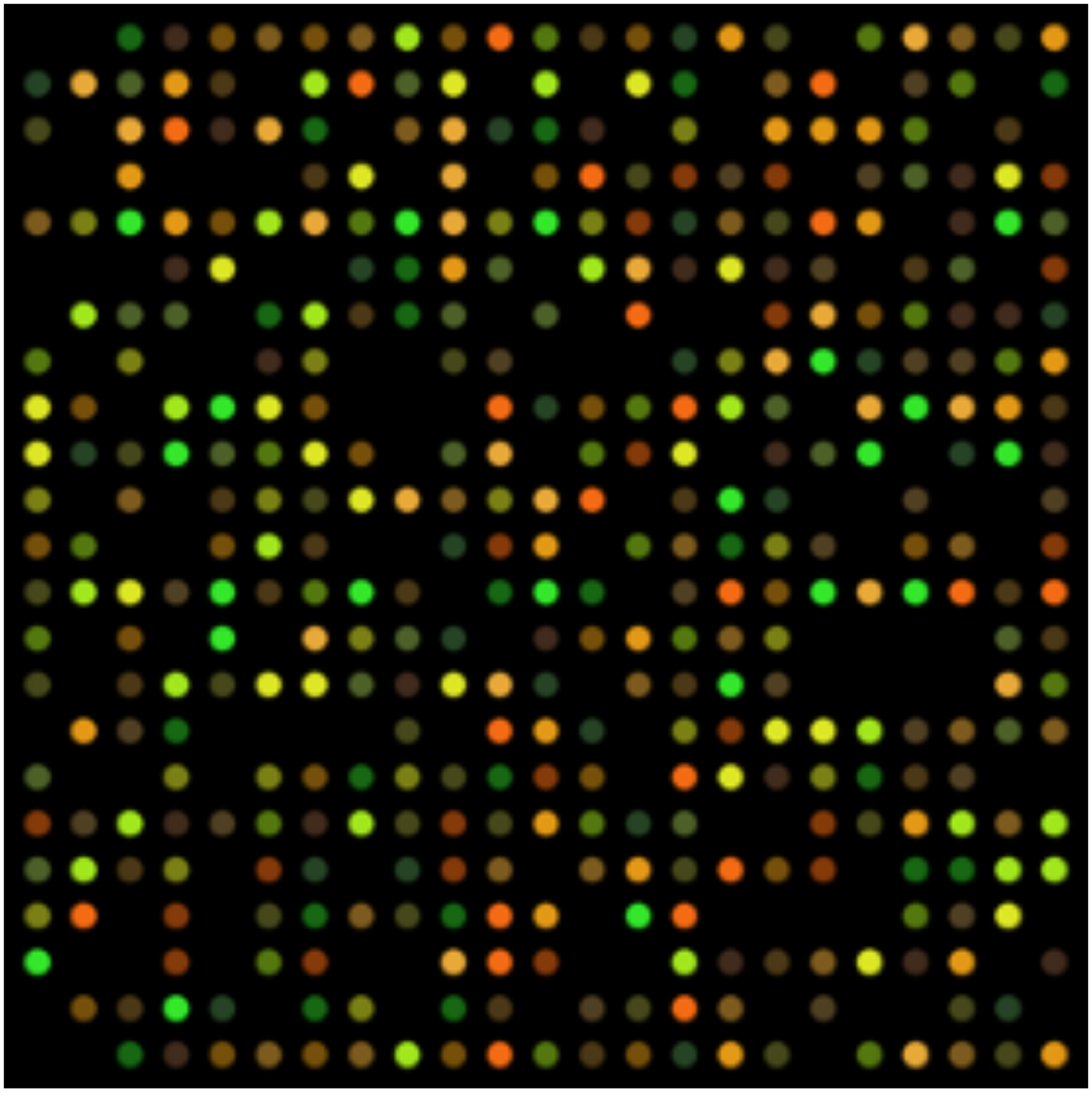
Experiment 1: EXPRESSION

Experiment 2: MUTATIONS

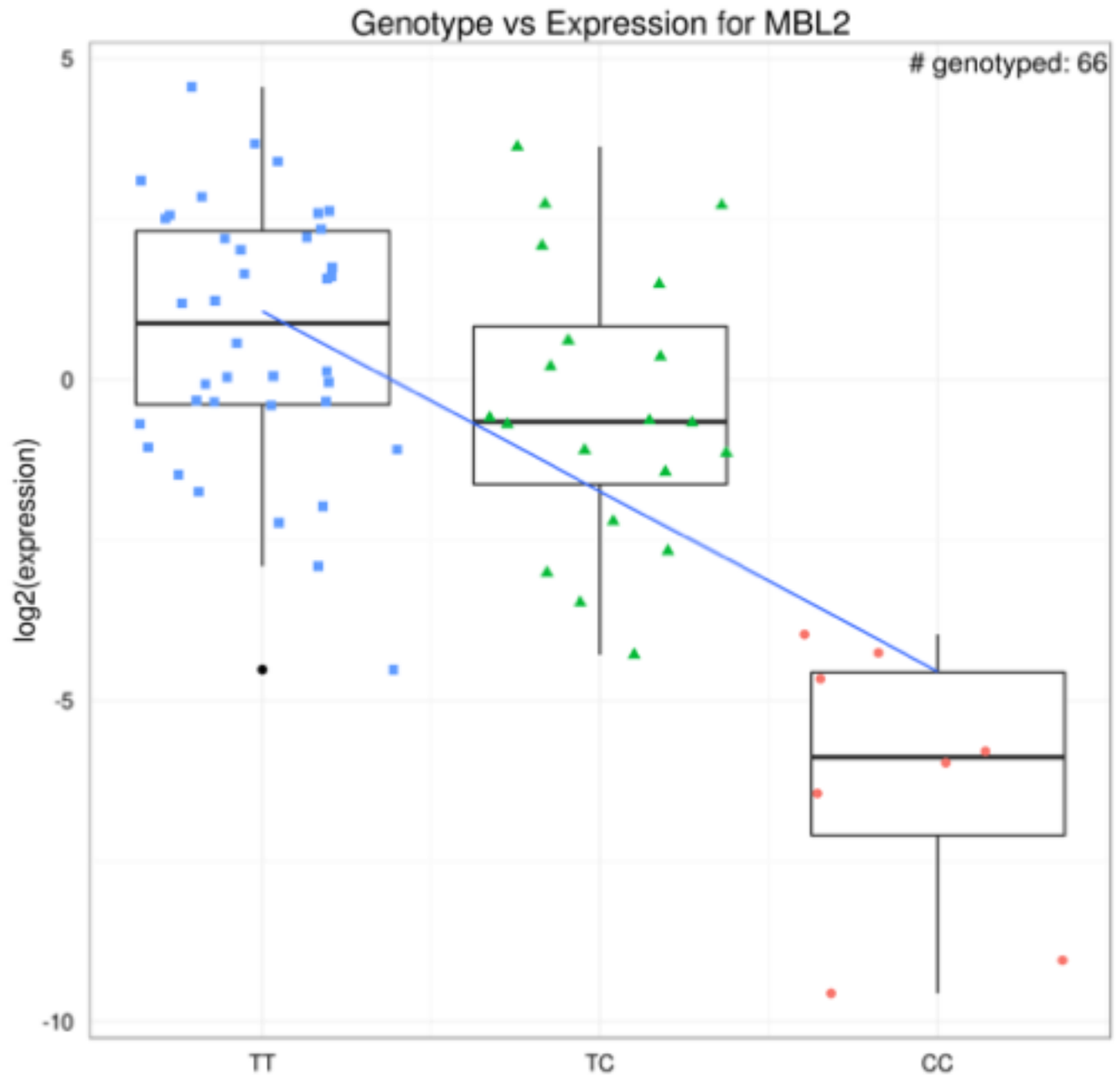


HiSeq 3000
illumina

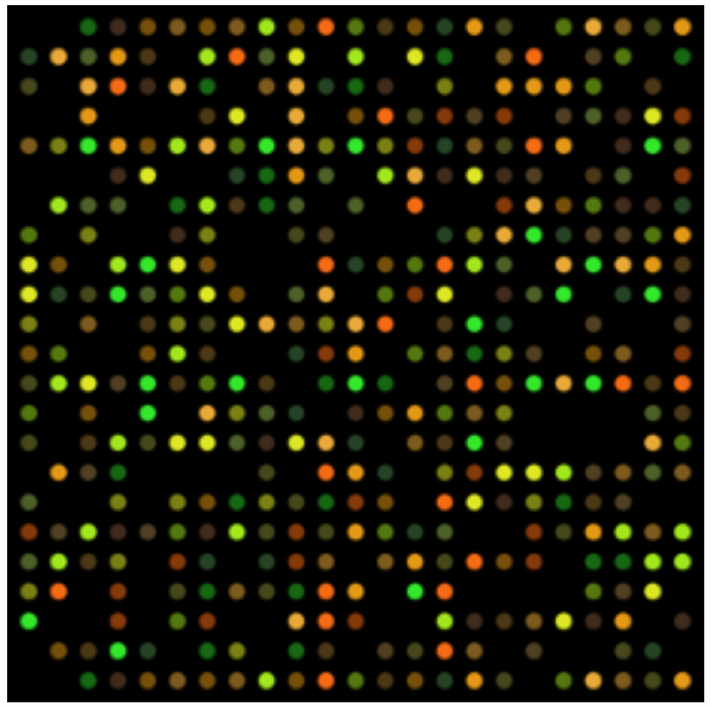
SNP X	Pig 1	Pig 2	Pig 3	Pig 4	Pig 5
Genotype	CC	CT	TT	CC	CT
Expression	9	6	2	8	5

Matrix eQTL

- R package
- Linear regression



Experiment 1: EXPRESSION



Experiment 2: MUTATIONS

SNP X	Pig 1	Pig 2	Pig 3	Pig 4	Pig 5
Genotype	CC	CT	TT	CC	CT
Expression	9	6	2	8	5