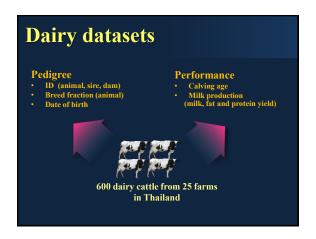
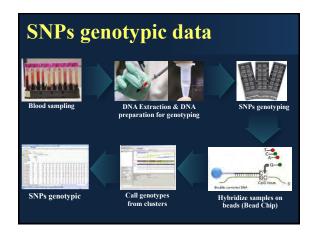
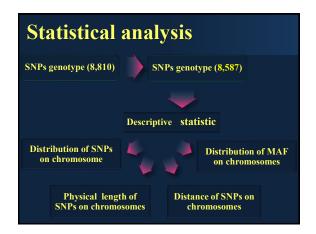


Objective

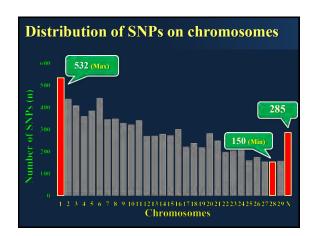
To study the genome patterns of SNPs variation in a Thai multibreed dairy population

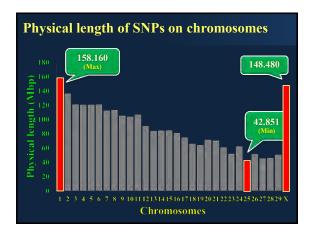


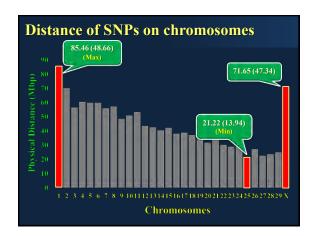


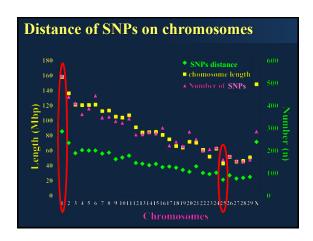


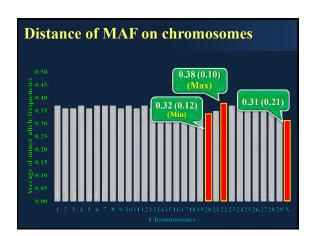


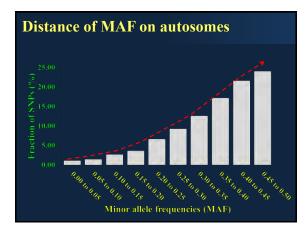


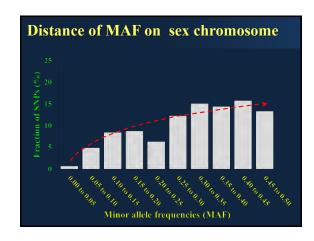


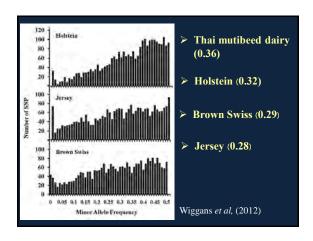


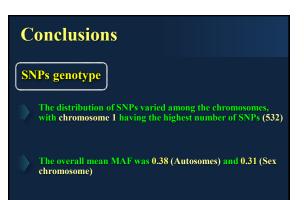
















## Minor allele frequency (MAF)

If the number of AA calls is less than the number of BB calls for sample, the frequency for the minor allele A is

$$MAF = AA + \frac{1}{2}AB$$

Where

**AA** = frequency of **AA** genotype

**AB** = frequency of **AB** genotype