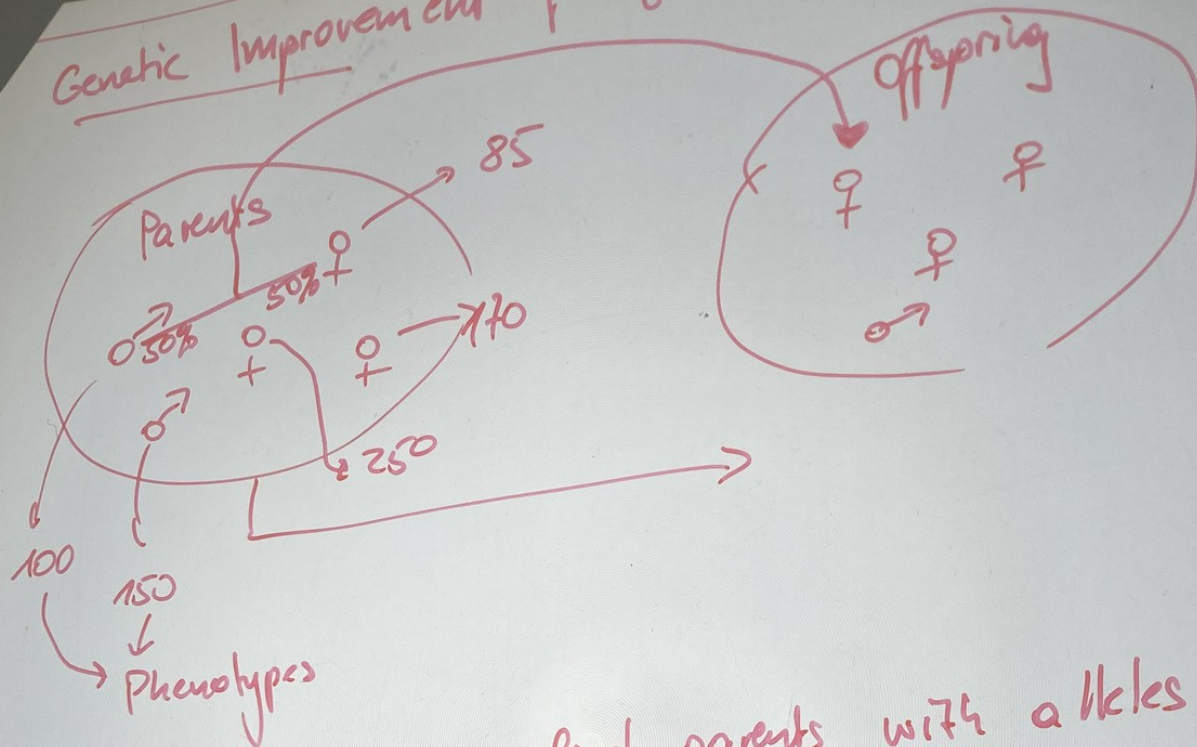


Genetic Improvement of a given Trait (Methane, Fetus)



- How do we find parents with alleles that are favorable with respect to trait of interest
- Most (quantitative) traits: Location of genes that are important for the expression of the trait are unknown
- For every trait, there is a certain genetic component which has an influence on the expression of the phenotypic level of the trait.

Why? \rightarrow Central Dogma of Molecular Biology