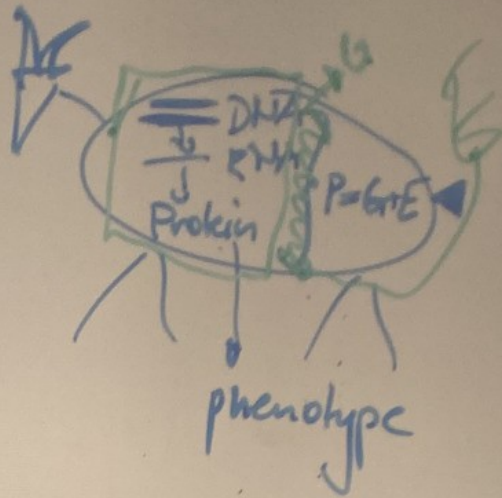


Animal :

1.

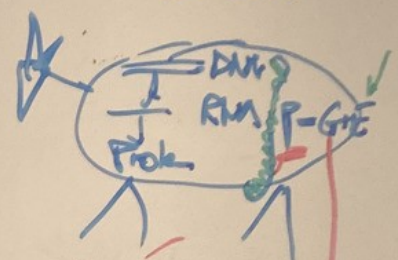
2. Mating



Parents :

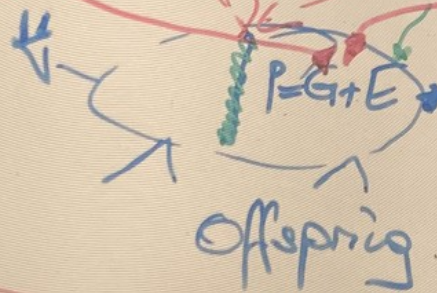
Sire

Dam



random sample of $0.5 \cdot G_S$

$0.5 \cdot G_D$



2 Paths of passing genetic information from parents to offspring

→ Good strategy to base selection of parents on G_S and G_D