

INTERAKSI GEN

- EKSPRESI GEN
- INTERAKSI ANTARA GEN
- EPISTASI

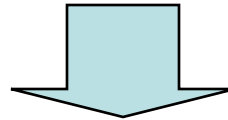
EKSPRESI GEN

GEN



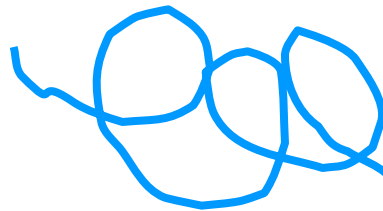
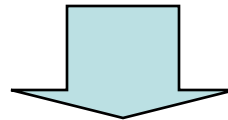
DNA

Transkripsi



RNA

Translasi

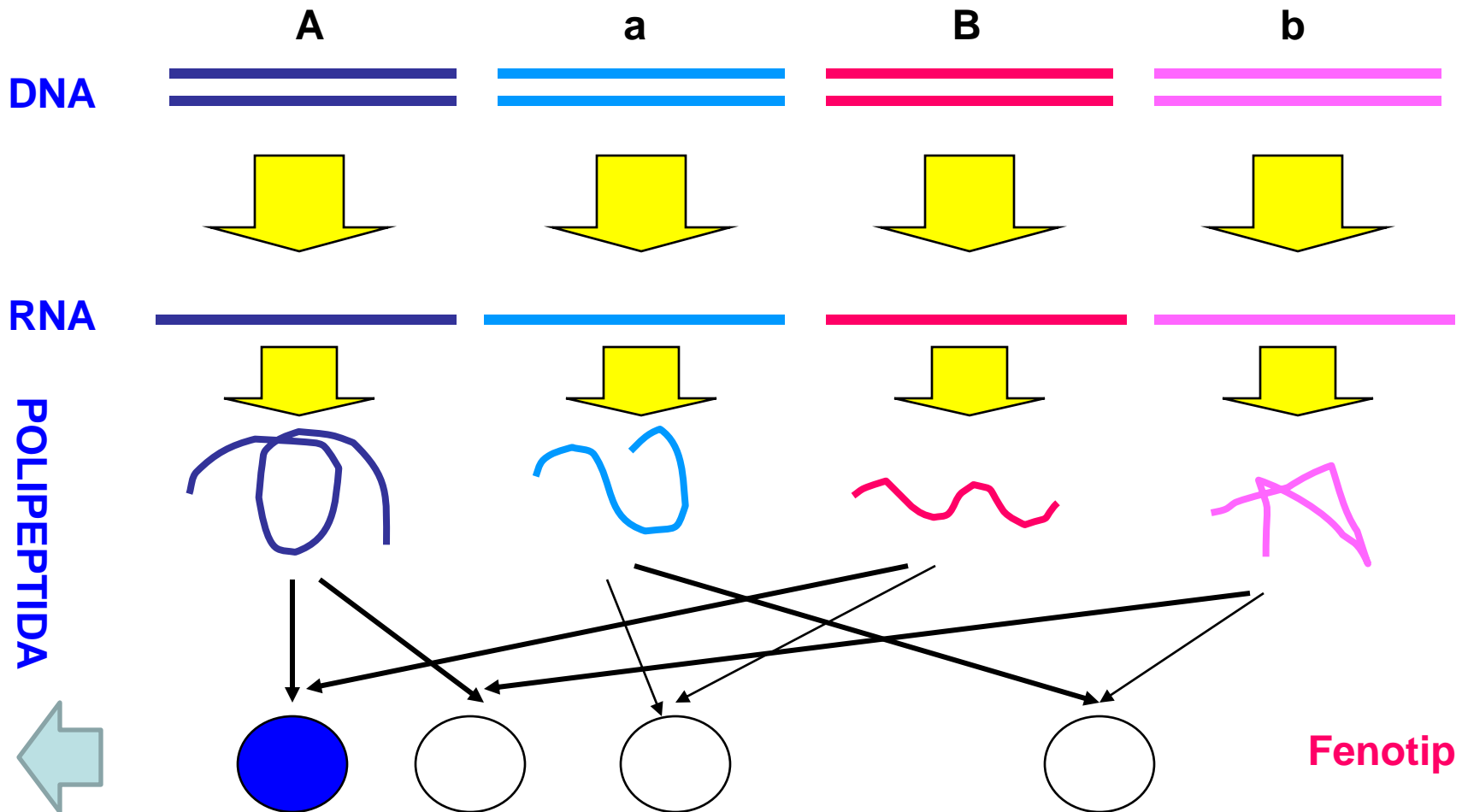


POLYPEPTIDA



INTERAKSI 2 GEN

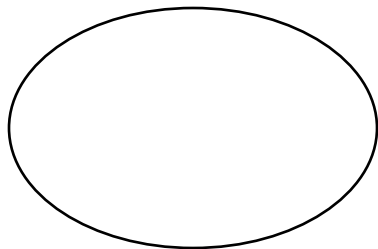
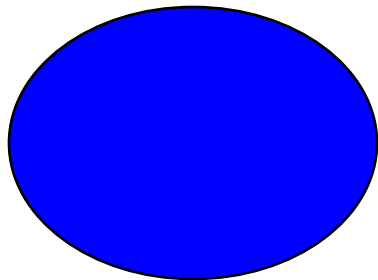
GEN A (A, a) dan GEN B (B, b)



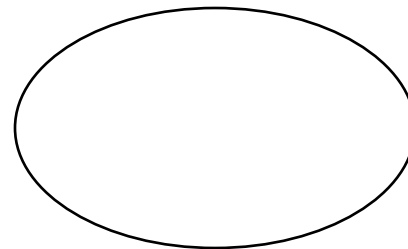
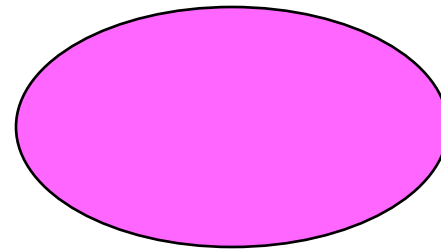
EPISTASI-HIPOSTASI

EPISTASI gen yang “menutupi”/”menghalangi” gen lain yang bukan alelnya

HIPOSTASI gen yang “tertutupi”/”terhalangi” oleh gen lain yang bukan alelnya



Gen/alel mana yang epistasi?

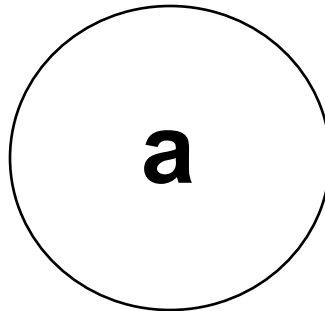
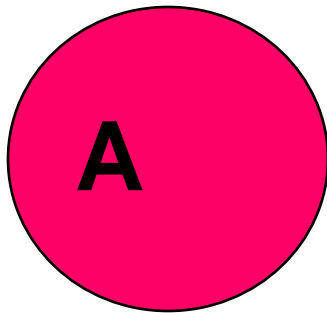
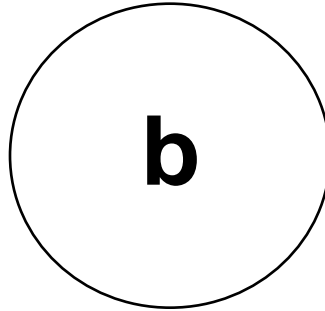
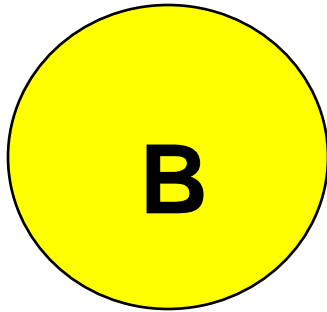


Gen/alel mana yang hipostasi?

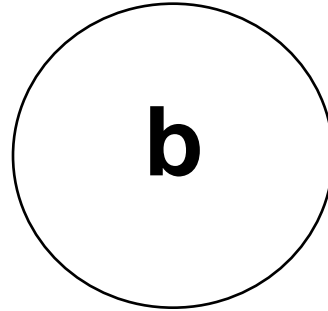
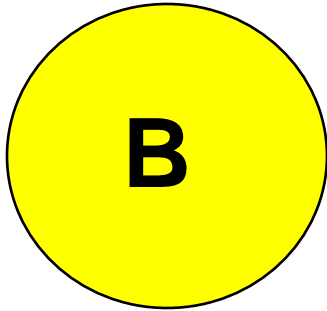
*Epistasi
Dominan*

*Epistasi
Resesif*

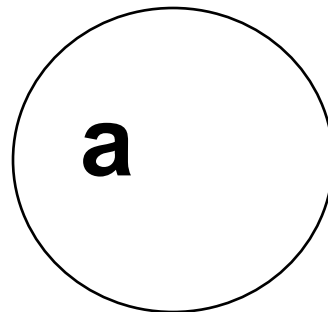
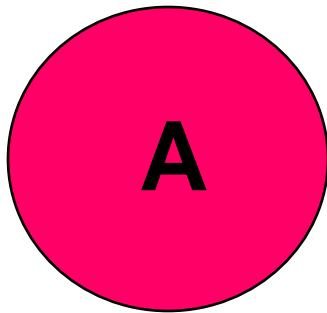
EPISTASI DOMINAN



EPISTASI DOMINAN



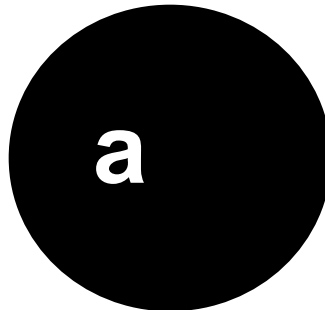
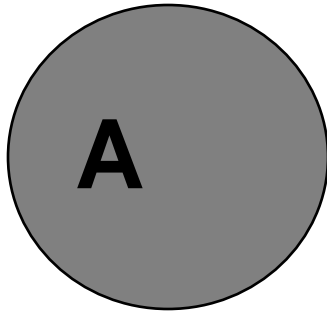
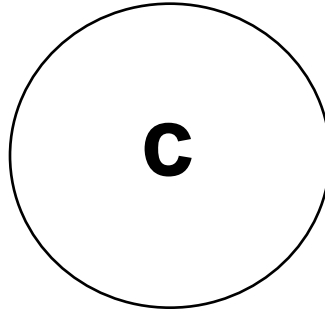
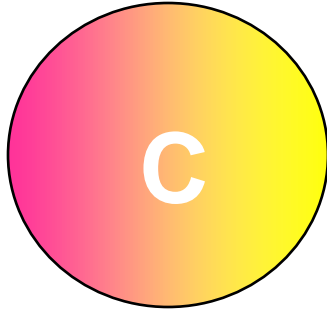
Alel mana yang epistasi?



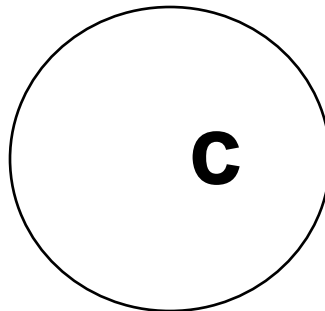
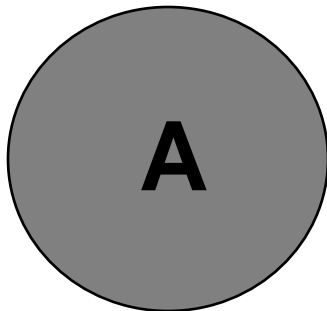
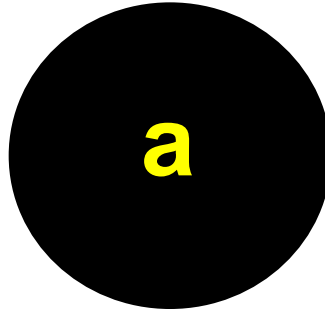
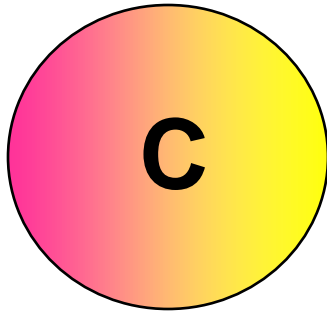
Tentukan perbandingan fenotip hasil persilangan $AaBB \times aaBb$



EPISTASI RESESIF



EPISTASI RESESIF



Alel mana yang epistasi?

Tentukan perbandingan fenotip hasil persilangan $AaCC \times aaCc$

