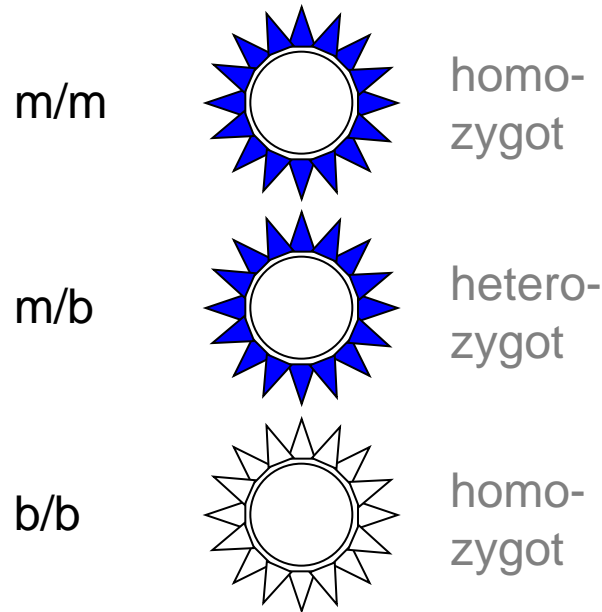
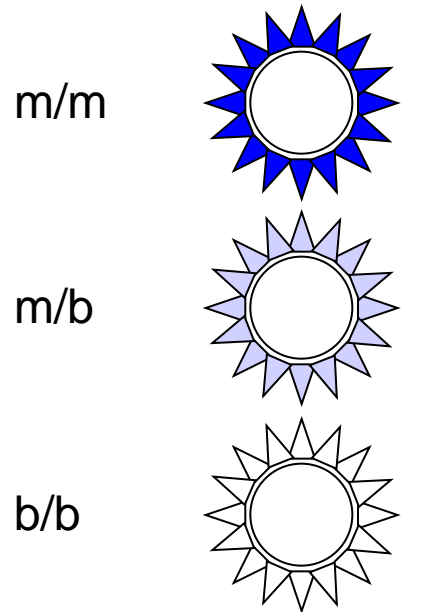


vztahy mezi alelami v rámci jednoho lokusu (genu)

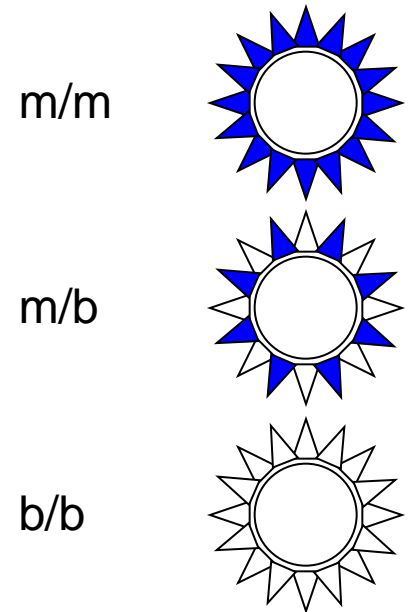
úplná dominance/recesivita



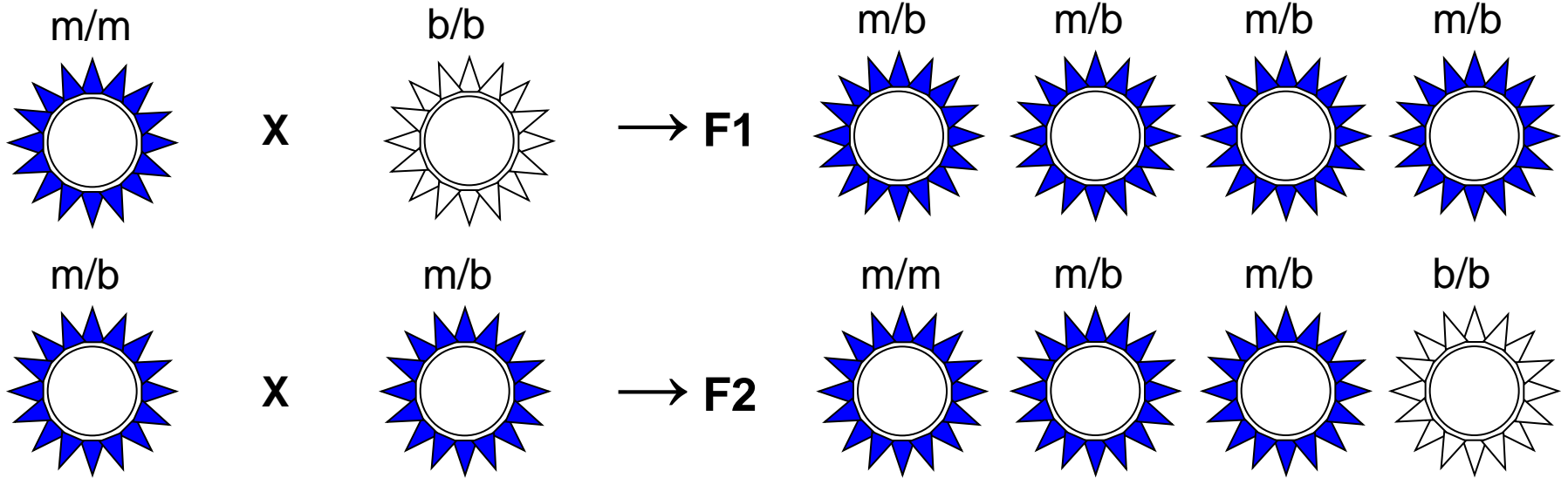
neúplná dominance



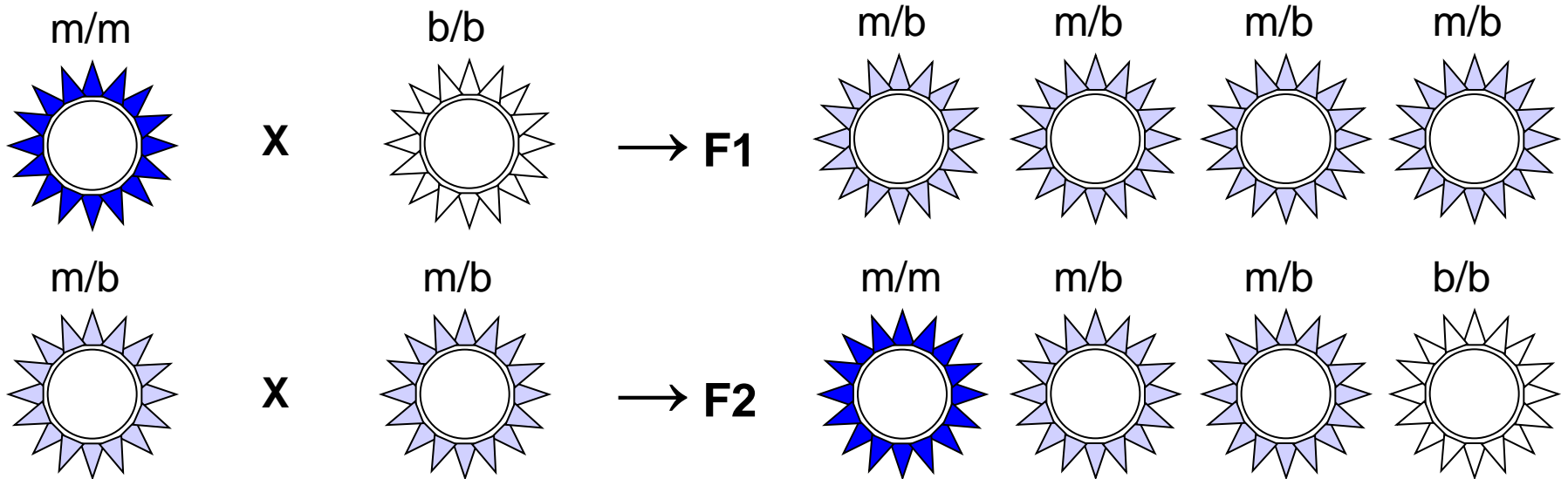
kodominance



úplná dominance/recesivita



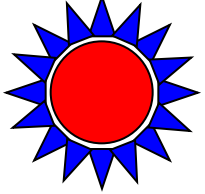
neúplná dominance



úplná dominance/recesivita, **geny nejsou ve vazbě**

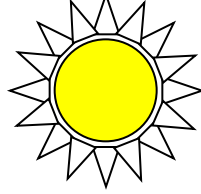
dva lokusy,
bez interakce mezi lokusy

$m/m, \check{c}/\check{c}$



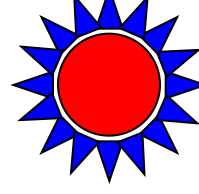
X

$b/b, \check{z}/\check{z}$

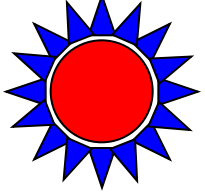


→ F1

$m/b, \check{c}/\check{z}$

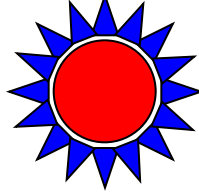


$m/b, \check{c}/\check{z}$



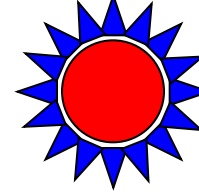
X

$m/b, \check{c}/\check{z}$

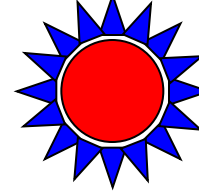


→ F2

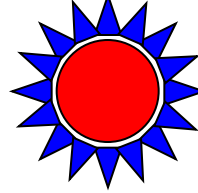
$m/m, \check{c}/\check{c}$



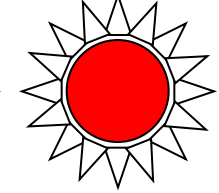
$m/b, \check{c}/\check{c}$



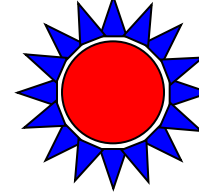
$m/b, \check{c}/\check{c}$



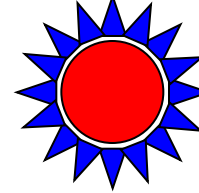
$b/b, \check{c}/\check{c}$



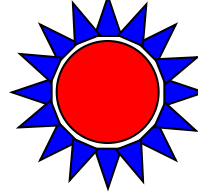
$m/m, \check{c}/\check{z}$



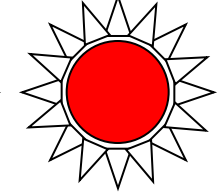
$m/b, \check{c}/\check{z}$



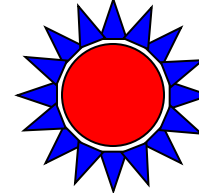
$m/b, \check{c}/\check{z}$



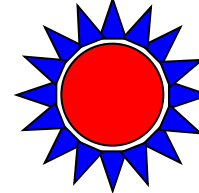
$b/b, \check{c}/\check{z}$



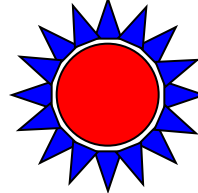
$m/m, \check{z}/\check{z}$



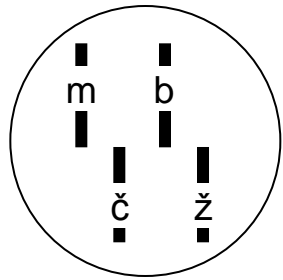
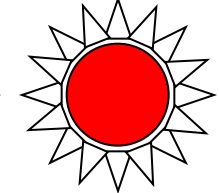
$m/b, \check{z}/\check{z}$



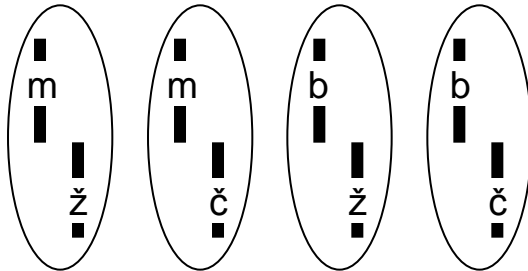
$m/b, \check{z}/\check{z}$



$b/b, \check{z}/\check{z}$



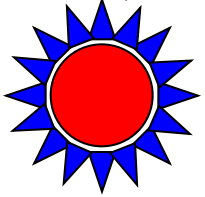
gamety



úplná dominance/recesivita, **geny jsou ve vazbě**

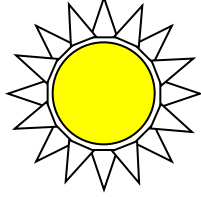
dva lokusy ve vazbě,
bez interakce mezi lokusy

m/m, č/č



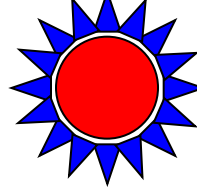
X

b/b, ž/ž

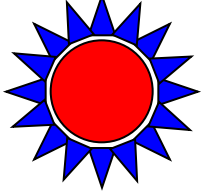


→ F1

m/b, č/ž

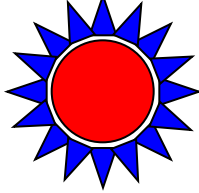


m/b, č/ž



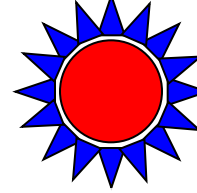
X

m/b, č/ž

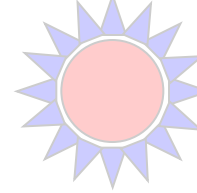


→ F2

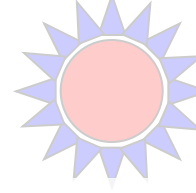
m/m, č/č



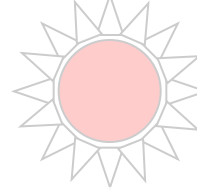
m/b, č/č



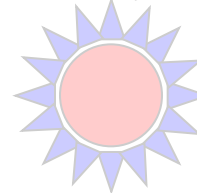
m/b, č/č



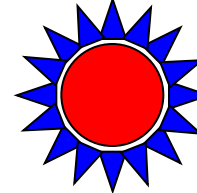
b/b, č/č



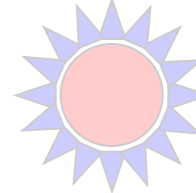
m/m, č/ž



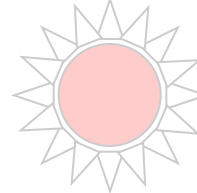
m/b, č/ž



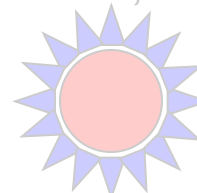
m/b, č/ž



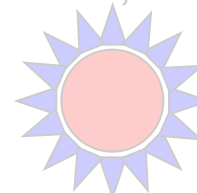
b/b, č/ž



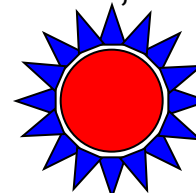
m/m, č/ž



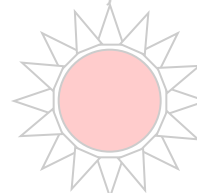
m/b, č/ž



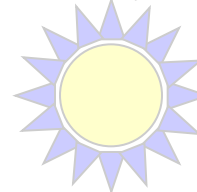
m/b, č/ž



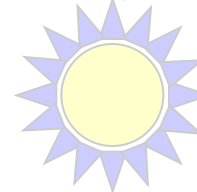
b/b, č/ž



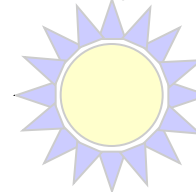
m/m, ž/ž



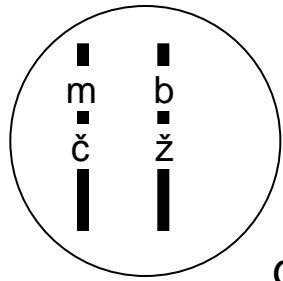
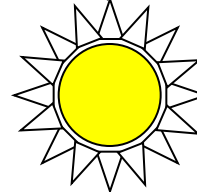
m/b, ž/ž



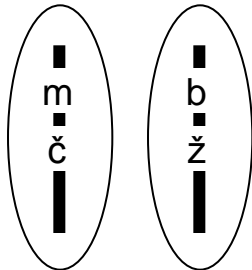
m/b, ž/ž



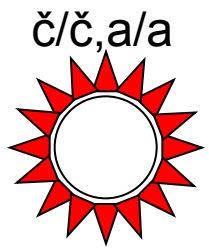
b/b, ž/ž



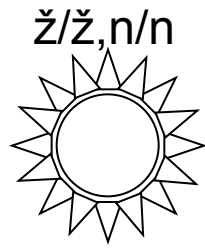
gamety



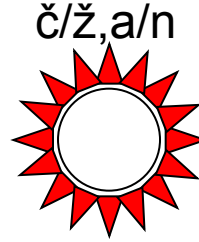
úplná dominance/recesivita, **geny nejsou ve vazbě**, **recesivní epistáze**



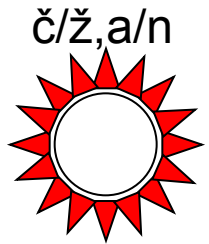
X



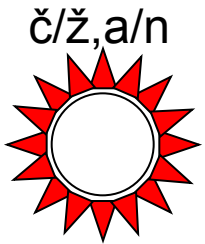
→ F1



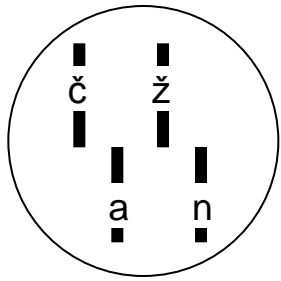
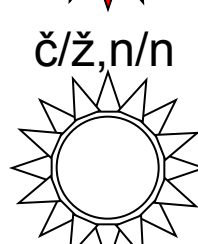
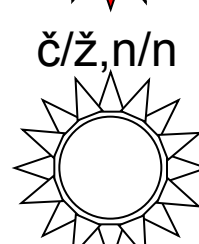
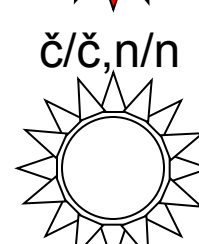
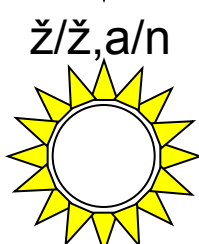
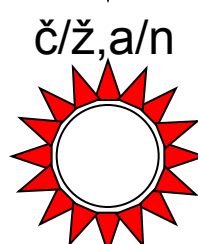
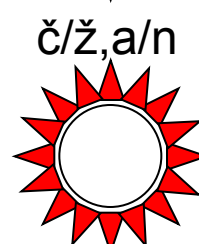
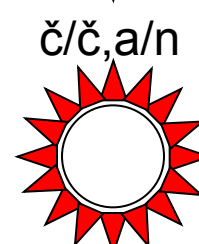
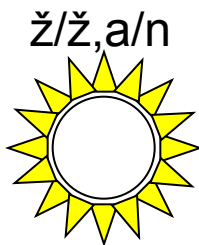
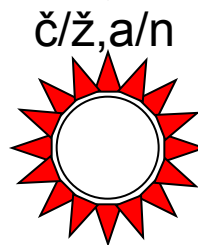
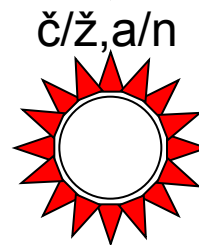
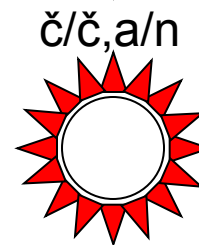
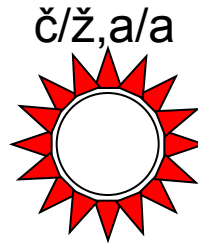
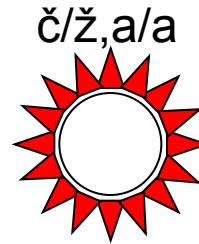
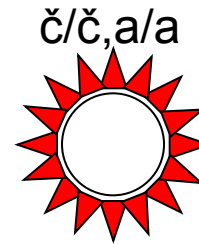
dva lokusy,
s interakcí mezi lokusy



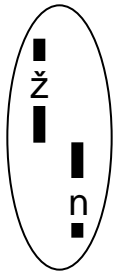
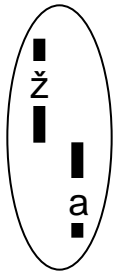
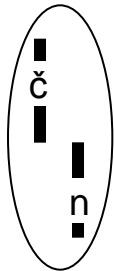
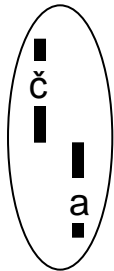
X



→ F2

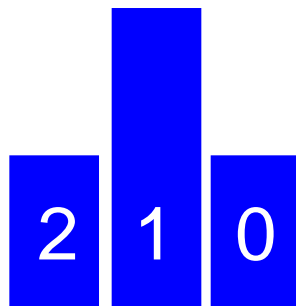


gamety

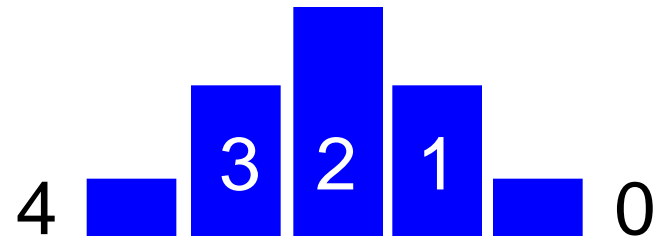


mendelovská dědičnost kvantitativního znaku

		A1	A0
A1	2	1	
A0	1	0	



	A1B1	A1B0	A0B1	A0B0
A1B1	4	3	3	2
A1B0	3	2	2	1
A0B1	3	2	2	1
A0B0	2	1	1	0



zvláštní případy

mimojaderná dědičnost
genomový imprinting
inaktivace chromozómu X
alelická exkluze
somatický a germinální mosaicismus