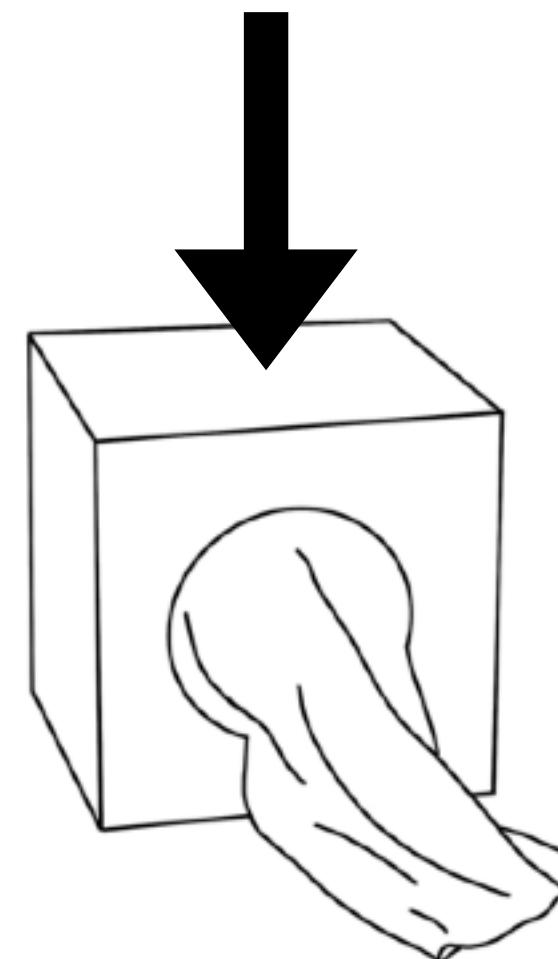
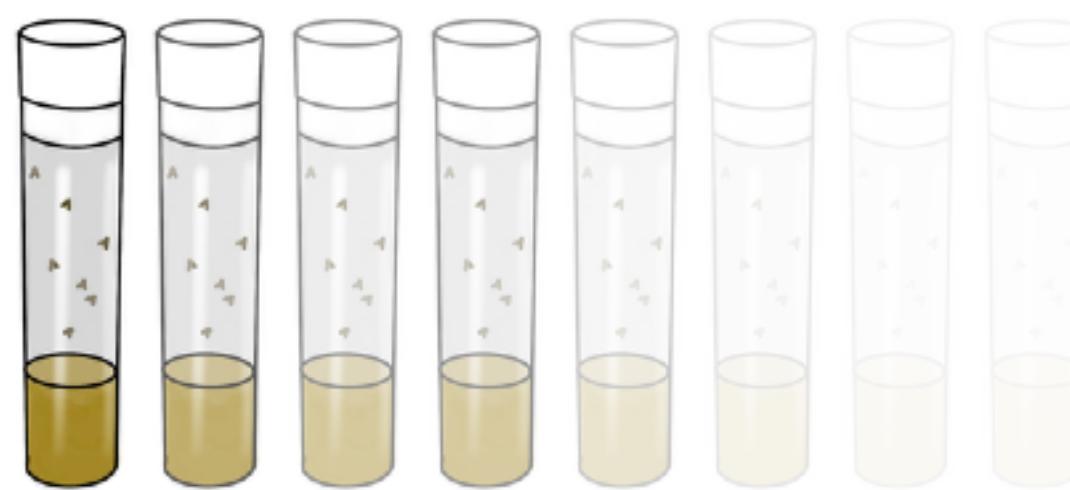


Experimental evolution of mitonuclear lines

x42 F1 mitonuclear lines



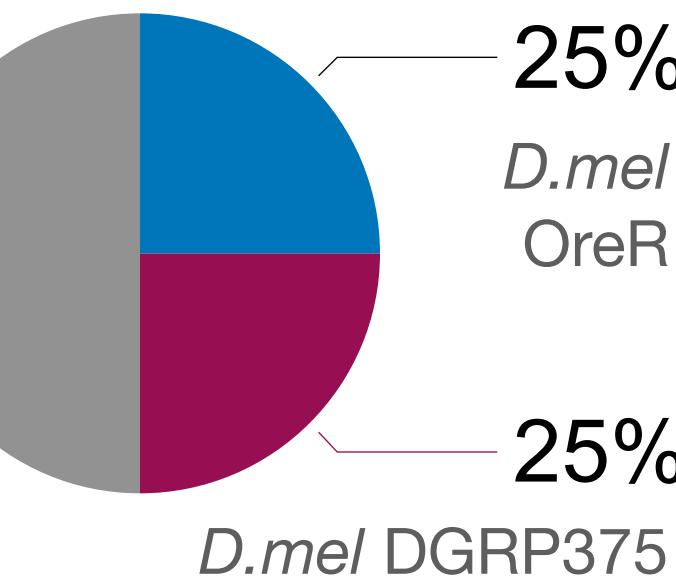
lines freely mix

Recombine for 20 generations

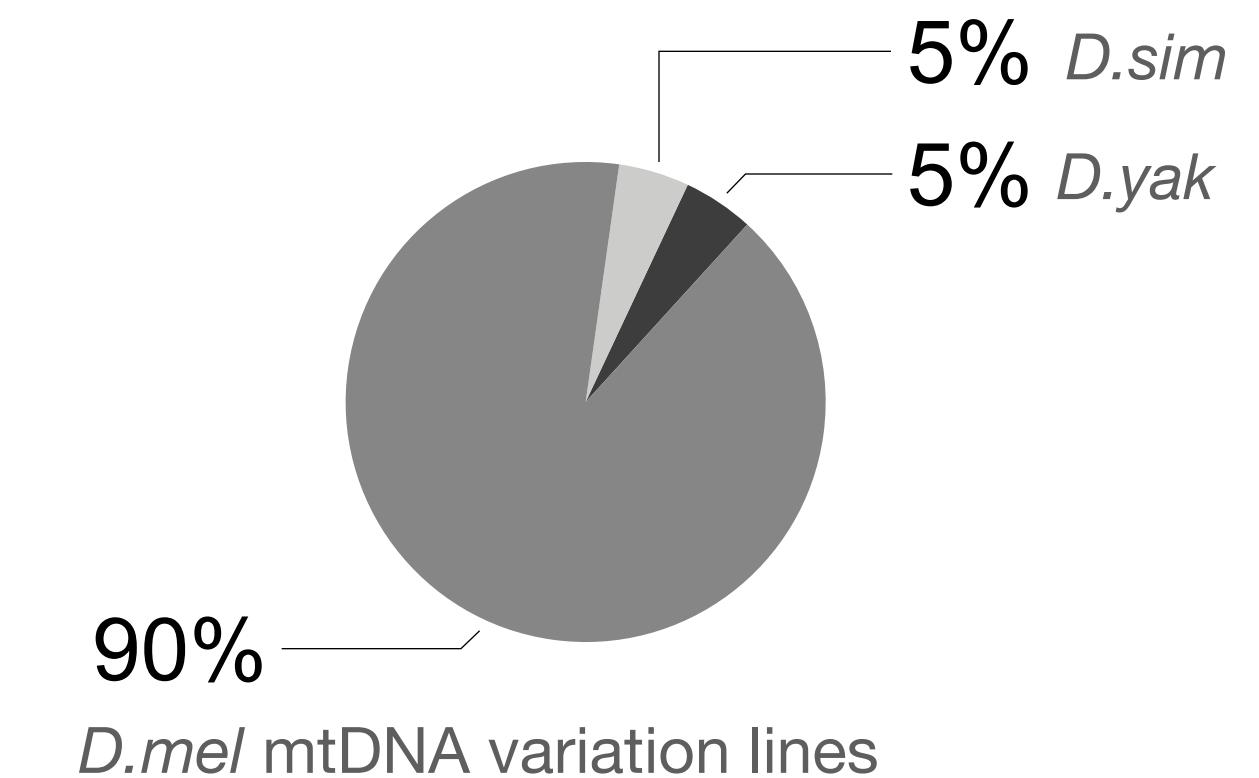
~ 1 year

Nuclear composition

50%
D.mel mtDNA variation lines



Mitochondrial composition



Selection experiment on **rotenone** for >30 generations

~ 1.5 years

Expansion of initial population into 24 replicate populations

