## Generational Changes in F

 $Q_1$ 

2pq

 $H_{\mathcal{O}}$ 

 $H_{E}$ 

= 1

 $F_1 = 1$ 

2pq

2pa

2pa

2na

2na

## Generational Changes in F

$$F_1 = 1 - \frac{H_O}{H_E} = 1 - \frac{Q_1}{2pq}$$

$$F_2 = 1 - \frac{\frac{Q_1}{2}}{2pq}$$

$$F_3 = \frac{\frac{Q_2}{2}}{2pq} = \frac{\frac{Q_1}{2}}{2pq}$$

$$F_4 = \frac{\frac{Q_3}{2}}{2pq} = \frac{\frac{\frac{Q_2}{2}}{2}}{2pq} = \frac{\frac{\frac{Q_1}{2}}{2}}{2pq}$$

$$F_{t+1} = \frac{1}{2} + \frac{1}{2}F_t$$

