T(a) = e - 20 \( \frac{1}{a} = \text{povameles deferming}\)
T(a) = \( \frac{e}{7} = \frac{1}{3} \)

T(a) = \( \frac{1}{3} = \fra Mans = 1-[F(a)/F(b)] Road Ramsey et al.,

Genetics 2011 K=MNZ[F(a) Z Tla=6)  $\frac{1 - \exp\left(\frac{1}{h} \ln \frac{F(a)}{F(b)}\right)}{1 - F(a)/F(b)} \approx \frac{1}{h} \frac{\ln F(a) - \ln F(b)}{1 - F(a)/F(b)}$ If we incet this into K, then Ndrops at. We can do the same or codons: Ks=MNZF(i) T Ti-si
i j,i=j:>57. hard, i, i are codons, F(i) is equil- codon begren (7 ) or : Dethuite like Mus: Ks=MNZZ F(i) Ti=j Now, that sites No: No = DE Z E F(i) cover Same for Kn, Un More notation: S(i) = set of sites; with i-7; cyv.

Simulation: Simple of case: all coolen be each a.a. Love came finess. a.a. Lipherson are drawn at random from F(a) ~ e-radar lintege acting drawn at random for each ite. 2 is lineapet.

$$d_{3} = \frac{FKS}{NS} = M$$

$$d_{N} = \frac{KN}{NN} = \frac{MNZZ}{NN} = \frac{F(i)}{NN} = \frac{F(i)}{NN} = \frac{NNZZ}{NN} = \frac{F(i)}{NN} = \frac{NNZZ}{NN} = \frac{NNZZ}{NN} = \frac{NNZZ}{NN} = \frac{NNZZ}{NN} = \frac{NNZZ}{NN} = \frac{NNZ}{NN} =$$