Large pathogen population size (N_e)

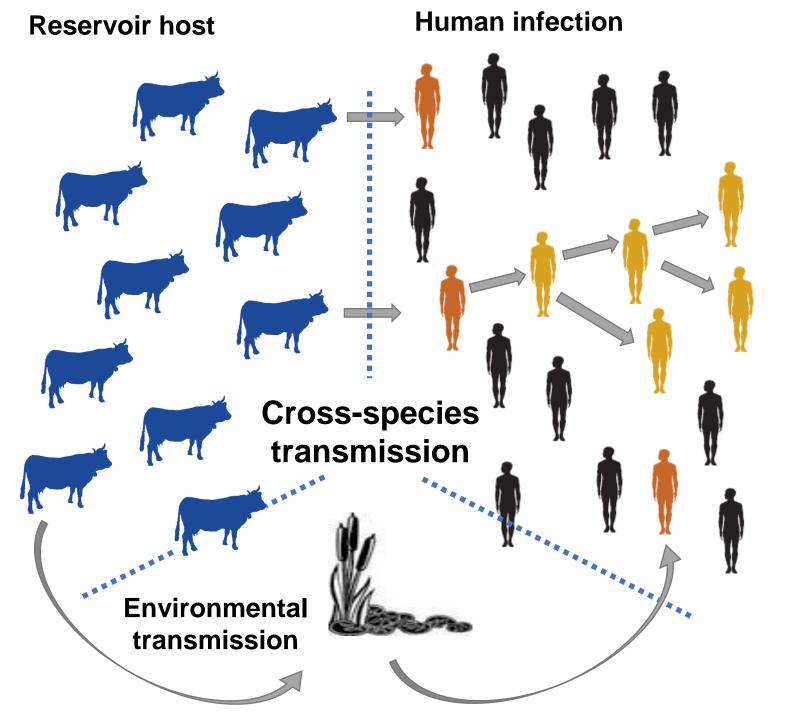
High diversity (π)

Neutral, balancing or purifying selection

Infected reservoir

Dead end infection

Nth infection in new host



Small or expanding pathogen population size (N_e)

Low diversity (π)