## Forget about the color

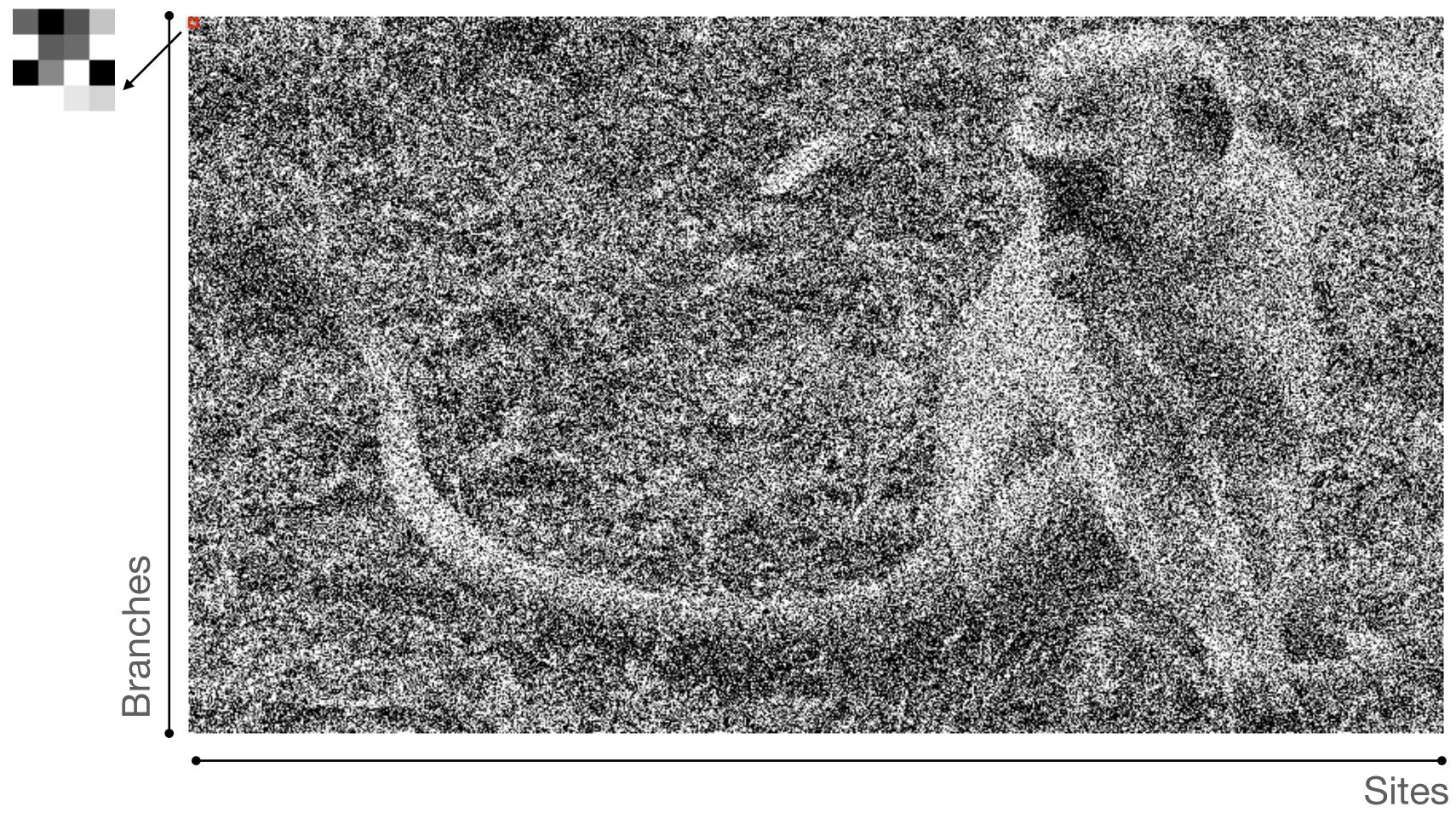


Sites



Evolutionary rate (dN/dS) Type of evolutionary/function/property change

## Evolution is largely unobserved and noisy





Visual noise



Saturation, missing data, model misspecification, sampling variation