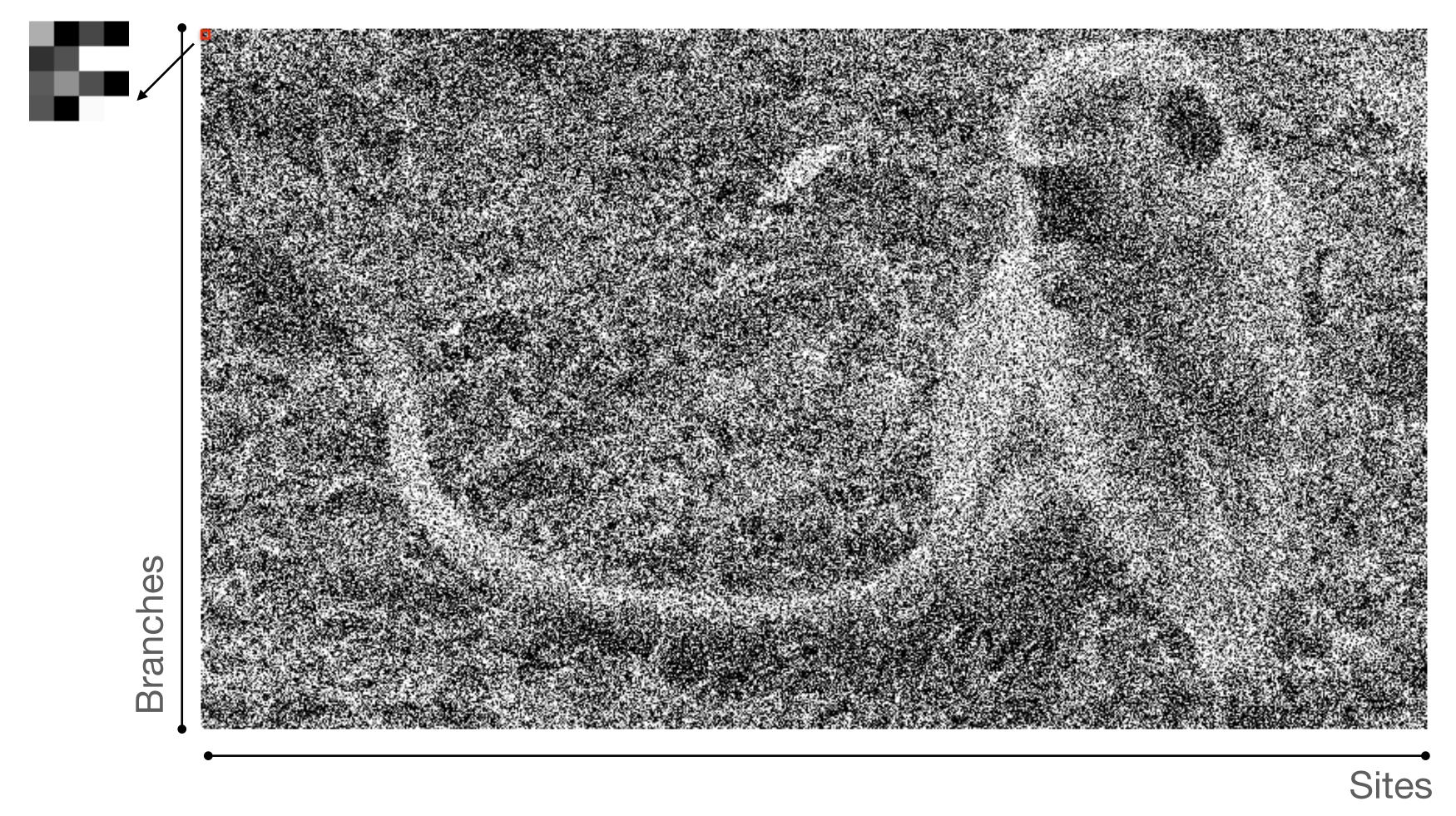
## Evolution is largely unobserved and noisy (another replicate)





Visual noise



Saturation, missing data, model misspecification, sampling variation

- High local variability
- Stable global (monkey) and local (head, tail) patterns, easily discernible

- ♣ Desired resolution (branch-site) is not attainable
- ♣ Global (and some local) patterns should be inferable and testable
- ♣ Statistical inference draws power from sample (and effect) size, need to aggregate data to gain power