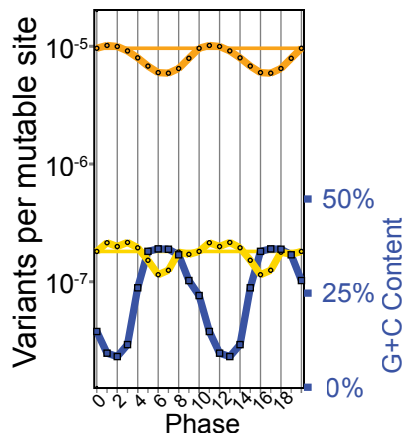
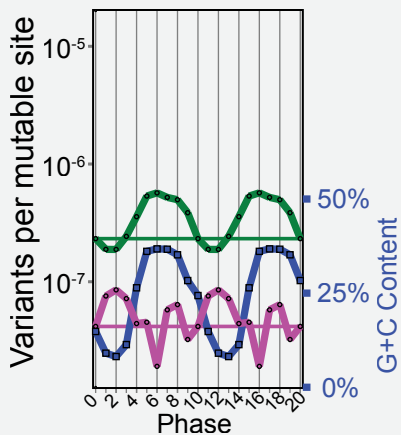


Decreased G/C content

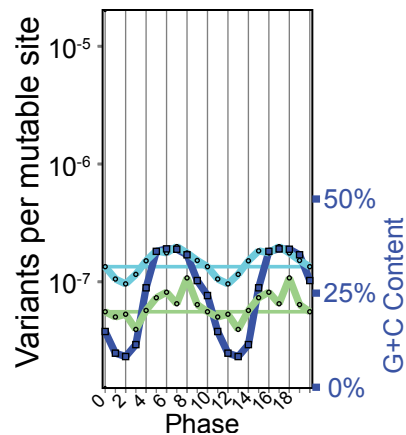
**EMS mutagenesis**



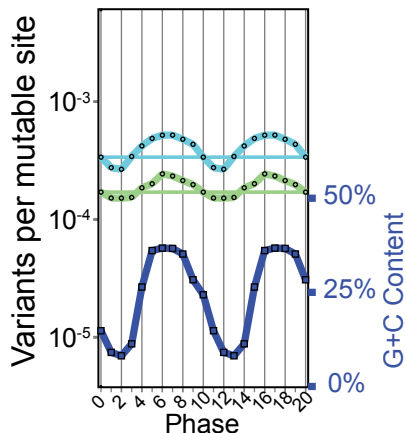
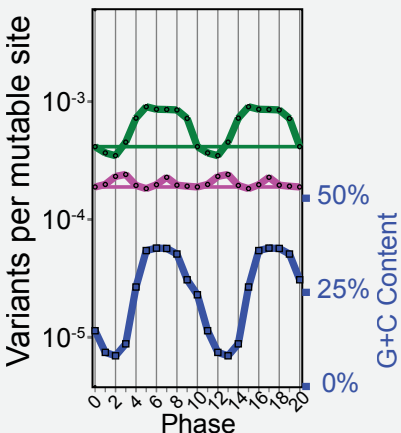
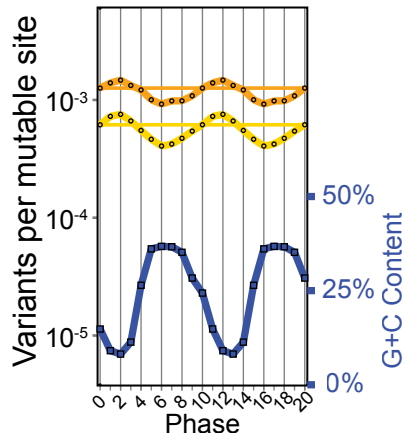
Neutral G/C content



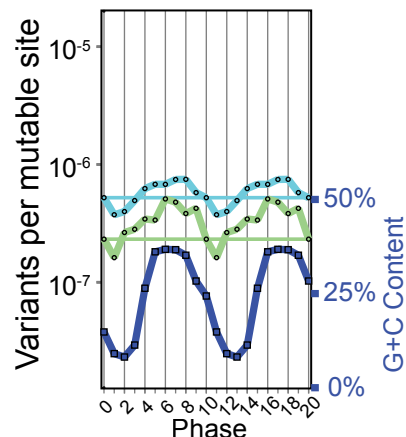
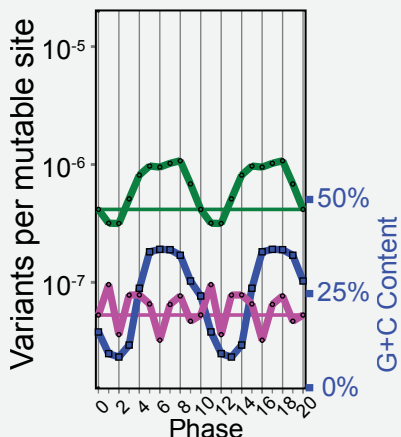
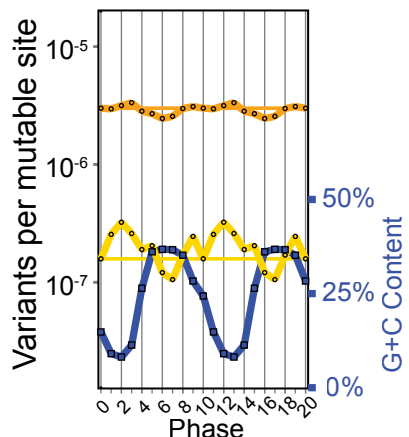
Increased G/C content



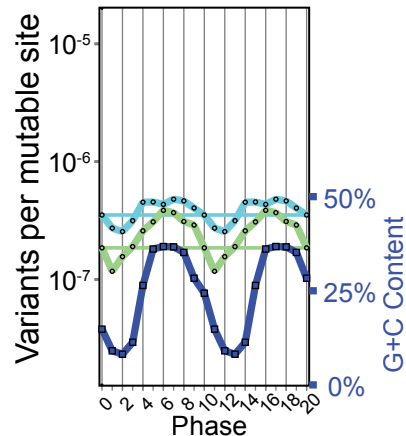
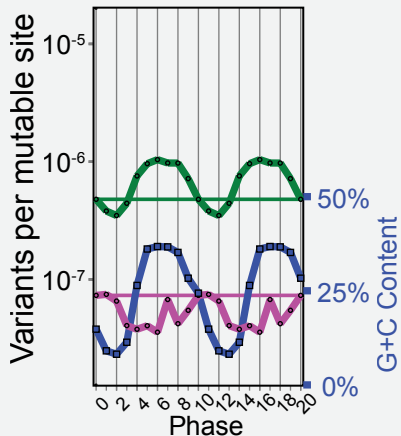
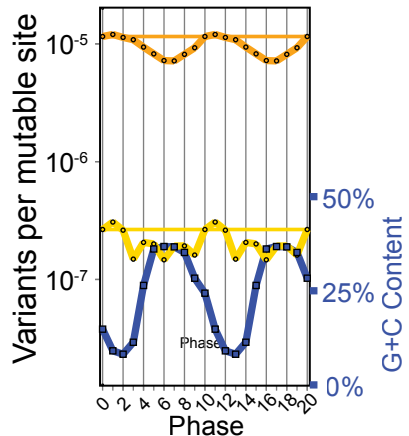
**Natural mutations**



**ENU mutagenesis**



**EMS/ENU mutagenesis**



- G → T & C → A
- G → A & C → T

- G → C & C → G
- A → T & T → A

- A → G & T → C
- A → C & T → G