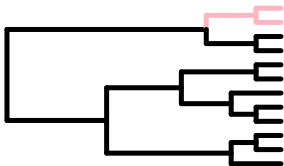
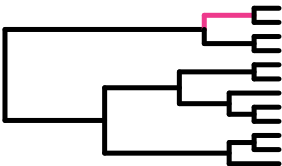


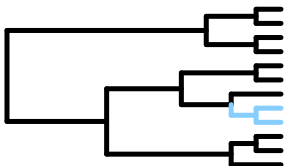
**SNP 1 Gene A Reconstruction**



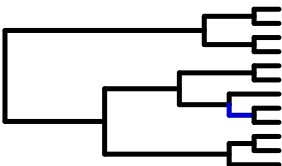
**SNP 1 Gene A PhyC Transitions**



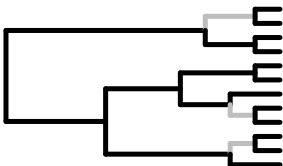
**SNP 2 Gene A Reconstruction**



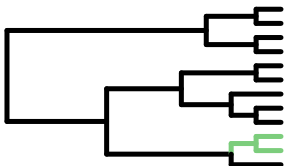
**SNP 2 Gene A PhyC Transitions**



**Gene A PhyC Transitions**



**SNP 3 Gene A Reconstruction**



**SNP 3 Gene A PhyC Transitions**

