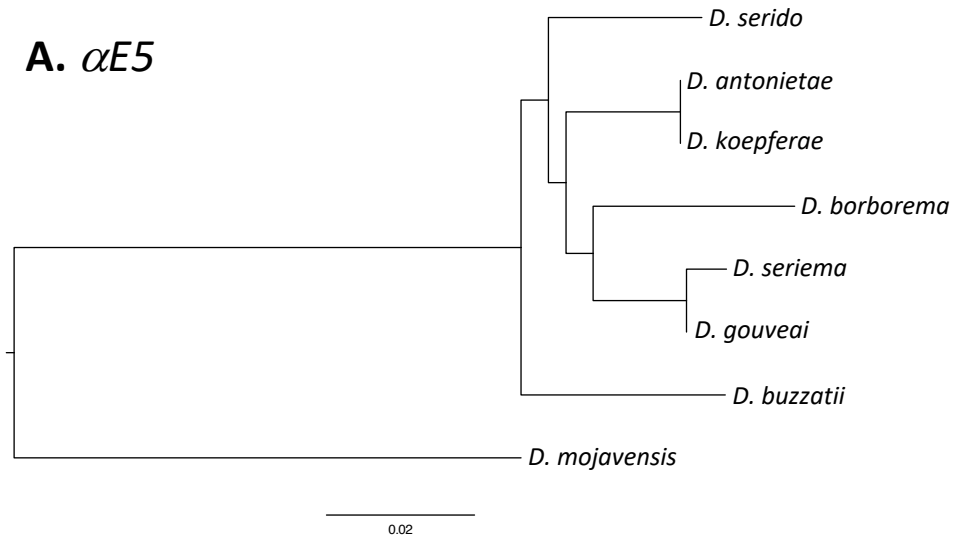
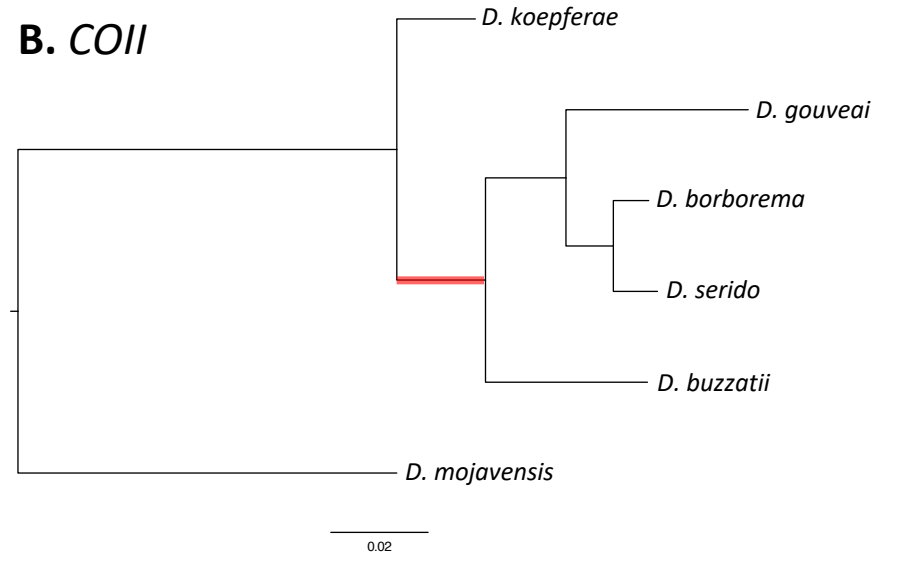


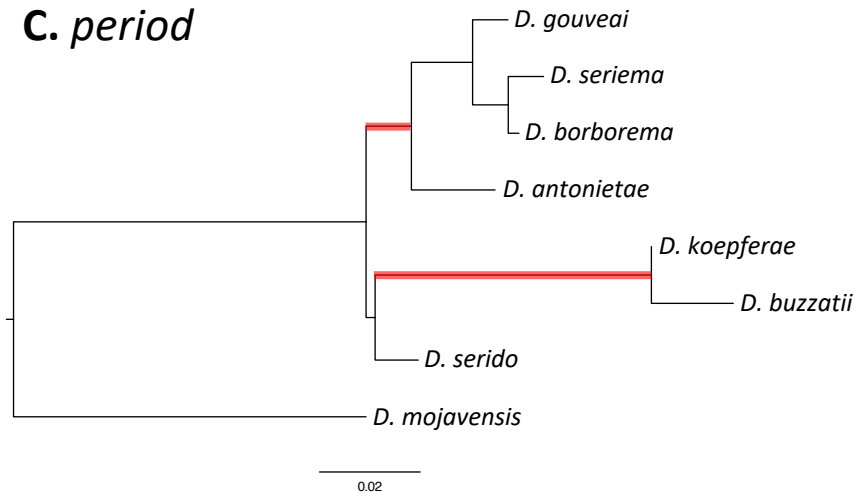
**A.  $\alpha E5$**



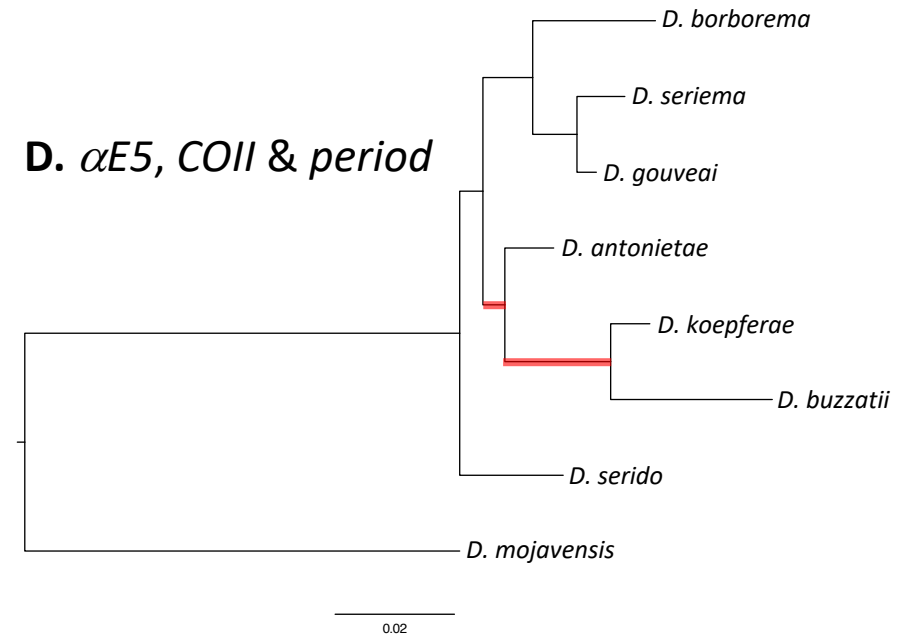
**B. COII**



**C. period**



**D.  $\alpha E5$ , COII & period**



**Fig. S1**