

A

Virus phylogenetic tree	Test virus -host divergence		Test of overall tree co-divergence	
	Co-divergences	Host-switching	P value (No. of cost )	P value (Copycat )
Full length of genome	7	8	< 0.001	< 0.02
Polymerase	7-8	8	< 0.001	< 0.02
Core	7	8	< 0.001	< 0.02
Surface	7	8	< 0.001	< 0.02

B

