	Phylogeny labels	AI	PS	MC (red)	MC (blue)
A		0.347 $p = 0.041$	4 $p = 0.281$	9 $p = 0.162$	2 $p = 0.263$
B		7.18×10^{-3} $p < 0.001$	1 $p < 0.001$	9 $p = 0.162$	5 $p < 0.001$
C		1.24 $p = 0.882$	5 $p = 1$	3 $p = 0.967$	1 $p = 1$
D		2.38×10^{-9} $p = 0.044$	1 (invariant)	24 $p = 0.044$	1 (invariant)
E		0.346 $p = 0.851$	1 (invariant)	19 $p = 0.254$	1 (invariant)
F		1.96×10^{-2} $p = 0.044$	1 (invariant)	9 $p = 1$	1 (invariant)