

Table S.8 - Insertion/deletion rates inferred from the maximum likelihood analysis assuming different rates for external and internal branches. Likelihood was estimated using the alternative topology and a cutoff with expect value less than 10^{-20} and $> 85\%$ match length.

Rate	Reversible		Deleted once ^a	
	MLE	LnL	MLE	LnL
constant μ	1.13	-11114.8	1.03	-11280.5
μ_1 (external)	1.32	-11067.0	1.39	-11069.6
μ_2 (internal)	0.15		0.004	

^aGenes can not be regained after deletion.