

TABLE S4 Power and type I error of differential dN/dS tests.

Test	Dataset	Type I error	Power
1	Large	0.06	0.89
	Small	0.06	0.39
2	Large	0.08	0.68
	Small	0.07	0.34
3	Large	0.07	0.39
	Small	0.02	0.02
4	Large	0.04	0.85
	Small	0.16	0.45