

Table S1 Dependence of the number of detections on the number of samples for each method

Sample size	Method		
	LAPP	Bonferroni method	Benjamini-Yekutieli method
40	14214.3	0.0	0.0
50	4912.9	0.0	12.2
60	2560.7	0.1	456.3
70	1524.9	6.1	3655.3
80	1159.1	32.0	13215.6
90	707.2	91.0	30956.3
105	551	610	94855