

Estimates of proportion of non-differentially expressed genes (π_0) using three different methods (Langaas, Storey and Ferreira), as well as estimates of the power computed with the adjusted π_0 that yield continuous and non-negative densities (see Additional file 1).

	power			π_0					
	Lang.	Stor.	Ferr.	Lang.		Stor.		Ferr.	
Affymetrix	0.31	0.31	0.30	0.76	0.61 ¹	0.75	0.61 ¹	0.59	0.56 ¹
Illumina	0.19	0.19	0.19	0.83	0.58	0.83	0.58	0.67	0.58
Agilent	0.44	0.44	0.54	0.48	0.37	0.46	0.37	0.22	0.22
HomeSpotted	0.19	0.19	0.20	0.64	0.40	0.62	0.40	0.41	0.37
Solexa	0.45	0.45	0.45	0.74	0.46	0.73	0.46	0.53	0.46

¹the second column of each method represents the adjusted π_0 .