

Additional file 13. Gradient of log2 fold change fit of qRT-PCR (y) against microarray (x) for seventeen genes for selected normalisations for all microarray platforms for all rat kidney comparisons.

Platform	Normalisation	BNvWKY	GKvBN	GKvWKY	STZvGK	STZvWKY
Affymetrix	Scale - Avgdiff	1.59	1.50	1.88	1.45	1.63
	Quantile – median polish	1.86	1.58	1.88	1.53	1.65
	MAS 5.0	0.85	1.03	0.82	1.10	1.19
	Li-Wong	1.36	1.37	1.36	1.32	1.31
	RMA	1.44	1.29	1.37	1.32	1.37
	GC-RMA	1.03	1.01	0.88	1.02	1.01
	Vsn	1.71	1.46	1.71	1.51	1.65
Illumina	Scale	1.28	1.23	1.10	1.19	1.29
	Loess	1.35	1.29	1.17	1.25	1.34
	Quantile	1.25	1.18	1.10	1.14	1.23
	Rank	1.31	1.26	1.14	1.22	1.31
	Spline	1.09	1.05	0.94	1.01	1.09
	Vsn	1.23	1.21	1.05	1.17	1.26
Operon	Edwards-spline-scale	0.95	0.90	0.90	-	-
	Kooperberg-loess-quantile	0.91	0.96	0.90	-	-
	Normexp-printtip loess-quantile	0.99	0.97	0.94	-	-
	vsn-scale	0.92	0.91	0.85	-	-

