

Table S2: Number of genes with eQTL detected in liver, lung, and kidney tissues at $FDR \leq 0.1$

Procedure	eQTL type	Tissue (%)		
		Liver	Lung	Kidney
Analysis G	All	520 (6.2 ^a)	478 (4.2 ^a)	739 (7.3 ^a)
	Local ^d	400 (76.9 ^b)	369 (77.2 ^b)	601 (81.3 ^b)
	Distal ^e	132 (25.4 ^b)	112 (23.4 ^b)	148 (20.0 ^b)
Analysis C	All	2,587 (30.8 ^a)	2,069 (18.2 ^a)	3,191 (31.6 ^a)
	Local ^d	1,749 (67.6 ^c)	1,498 (72.4 ^c)	2,214 (69.4 ^c)
	Distal ^e	838 (32.4 ^c)	571 (27.6 ^c)	977 (30.6 ^c)
Analysis L ^f	Genome-wide FWER < 0.05	702 (8.4 ^a)	713 (6.3 ^a)	955 (9.5 ^a)
	Chromosome-wide FWER < 0.05	1,661 (19.8 ^a)	1,880 (16.6 ^a)	2,102 (20.8 ^a)

^a Percentage of all tested genes.

^b Percentage of genes with eQTL from Analysis G.

^c Percentage of genes with eQTL from Analysis C.

^d Within 10Mb upstream or downstream of gene TSS.

^e More than 10Mb upstream or downstream of gene TSS, or on another chromosome.

^f Not FDR controlled.