SUPPLEMENTARY TABLES

Supplementary Table 1. Statistical analyses (Figure 2A).

	BRAIN		LIVER		INTESTINE		HEART		MUSCLE	
	TgN102	TgG106	TgN102	TgG106	TgN102	TgG106	TgN102	TgG106	TgN102	TgG106
Pearson Corr.[1]		0.521		0.619		0.758		0.349		0.542
Pearson Corr.[2]				-0.043 Brain		0.186 Liver 0.265 Brain		-0.289 Intestine -0.097 Liver -0.258 Brain		-0.244 Heart 0.086 Intestine 0.558 Liver 0.151 Brain
Regression (*F* significance)		0.055		0.010 0.826 Brain		0.001 0.323 Liver 0.172 Brain		0.184 0.120 Intestine 0.596 Liver 0.184 Brain		0.045 0.210 Heart 0.673 Intestine 0.002 Liver 0.479 Brain

Pearson Corr.[1] denotes gene expression correlation within tissue amongst the two Tg lines, and Pearson Corr.[2] across tissues (n=4 per mouse genotype).
Regression analysis (*F* significance) refers to genes studied in either Tg lines or tissues.

Supplementary Table 2. Statistical analyses (Figure 2B).

	LIVER	INTESTINE	HEART	MUSCLE
	CLU KO	*CLU* KO	*CLU* KO	*CLU* KO
Pearson Corr.[2]		-0.239 Liver	0.470 Intestine -0.086 Liver	-0.431 Heart -0.070 Intestine 0.337 Liver
Regression (*F* significance)		0.370 Liver	0.066 Intestine 0.749 Liver	0.094 Heart 0.795 Intestine 0.200 Liver

Pearson Corr.[2] across tissues (n=4 per mouse genotype).
Regression analysis (*F* significance) refers to genes studied in either Tg lines or tissues.

Supplementary Table 3. Statistical analyses (Figure 3C).

	LIVER		PANCREAS		MUSCLE	
	Tgl173 *vs.* Con	Tgl178 *vs.* Con	Tgl173 *vs.* Con	Tgl178 *vs.* Con	Tgl173 *vs.* Con	Tgl178 *vs.* Con
Pearson Corr.[1]		0.116		0.309		0.513
Pearson Corr.[2]				0.196 Liver		0.139 Pancreas 0.334 Liver
Regression (*F* significance)		0.656		0.226 0.264 Liver		0.192 0.606 Pancreas 0.205 Liver

Pearson Corr.[1] denotes gene expression correlation within tissue amongst the two Tg lines, and Pearson Corr.[2] across tissues (n=4 per mouse genotype).
Regression analysis (*F* significance) refers to genes studied in either Tg lines or tissues.