

Supplemental Table 2. Significant expression QTL

Chromosome	Gene ID	Gene Name
Chr12	<i>Actn1</i>	Actinin, alpha 1
	<i>Mlh3</i>	MutL homolog 3 (E. coli)
	<i>Pcnx</i>	Pecanex homolog (drosophila)
	<i>Acot2</i>	Acyl-CoA thioesterase 2
	<i>Aldh6a1</i>	Aldehyde dehydrogenase 6 family, member A1
	2410016O06Rik	
	<i>Numb</i>	Numb gene homolog (drosophila)
	<i>Dcaf4</i>	DDB1 and CUL4 associated factor 4
	<i>Ptgr2</i>	Prostaglandin reductase 4
	<i>Zfp410</i>	Zinc finger protein 410
	<i>Dlst</i>	Dihydrolipoamide S-succinyltransferase
	<i>Isca2</i>	Iron-sulfur cluster assembly 2 homolog (S. cerevisiae)
	1110018G07Rik	
	<i>Acyp1</i>	Acylphosphatase 1, erythrocyte (common) type
	1700020O03Rik	
	<i>Angel1</i>	Angel homolog 1 (Drosophila)
	<i>Pomt2</i>	Protein-O-mannosyltransferase 2
	<i>Sptlc2</i>	Serine palmitoyltransferase, long chain base subunit 2
	Chr16	<i>Olf201</i>
<i>Kalrn</i>		Kalirin, RhoGEF kinase
<i>Cpn2</i>		Carboxypeptidase N, polypeptide 2
<i>Atp13a3</i>		ATPase type 13A3
<i>Lsg1</i>		Large subunit GTPase 1 homolog
<i>Zfp148</i>		Zinc finger protein 148
<i>Dtx3l</i>		Deltex 3-like (Drosophila)
<i>Parp9</i>		Poly (ADP-ribose) polymerase family, member 9
1500031L02Rik		
<i>Fam162a</i>		Family with sequence similarity 162, member A
<i>Heg1</i>		HEG homolog 1 (zebrafish)
<i>Osbpl11</i>		oxysterol binding protein-like 11
<i>Senp5</i>		SUMO/sentrin specific peptidase 5
<i>Umps</i>		Uridine monophosphate synthetase
<i>Mylk</i>		Myosin, light polypeptide kinase
<i>Pigx</i>		Phosphatidylinositol glycan anchor biosynthesis, class X
<i>Tnk2</i>		Tyrosine kinase, non receptor 2
<i>Snx4</i>		Sorting nexin 4
<i>Itgb5</i>		Integrin beta 5
<i>Lrrc58</i>		Leucine-rich repeat-containing protein 58
<i>Sec22a</i>		Vesicle-trafficking protein SEC22a
<i>Gsk3b</i>	Glycogen synthase kinase 3 beta	
<i>Cdgap</i>	Rho GTPase activating protein 31	

Supplemental Table 2. Significant expression QTL (cont)

Chromosome	Gene ID	Gene Name
Chr16	<i>Ccdc58</i>	Coiled-coil domain containing 58
	4930455C21Rik	Transmembrane protein C3orf1 homolog
	<i>Fbxo40</i>	F-box protein 40
	<i>Pdia5</i>	Protein disulfide isomerase associated 5
	<i>Igsf11</i>	Immunoglobulin superfamily, member 11
	<i>Pla1a</i>	Phospholipase A1 member A
	<i>Rabl3</i>	RAB, member of RAS oncogene family-like 3
	<i>Atp6v1a</i>	ATPase, H ⁺ transporting, lysosomal V1 subunit A