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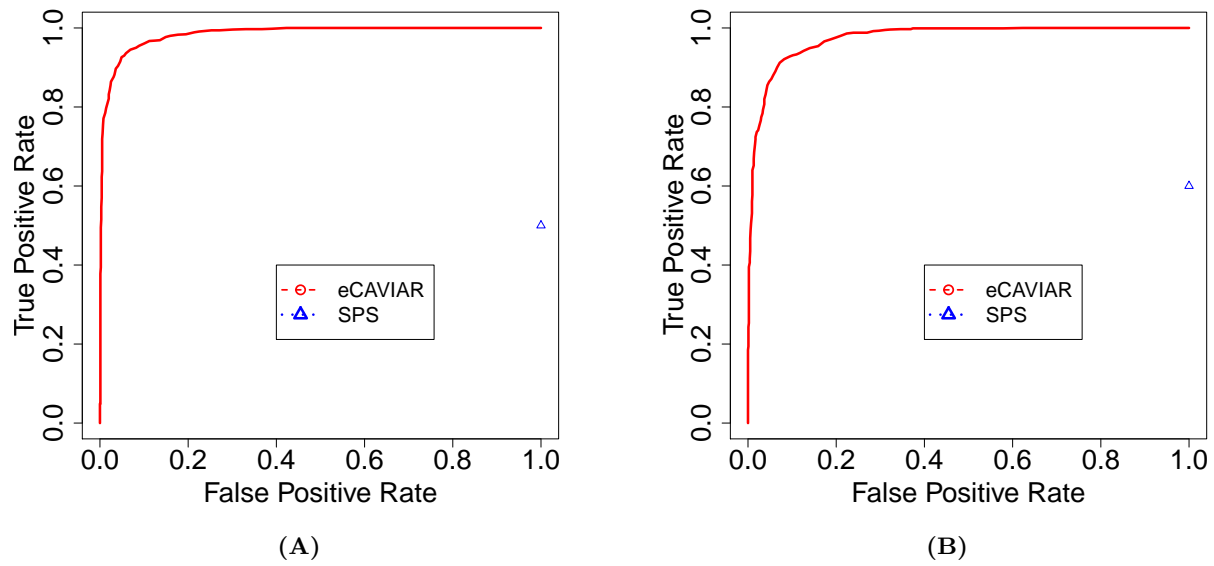
## **Supplemental Data**

### **Colocalization of GWAS and eQTL**

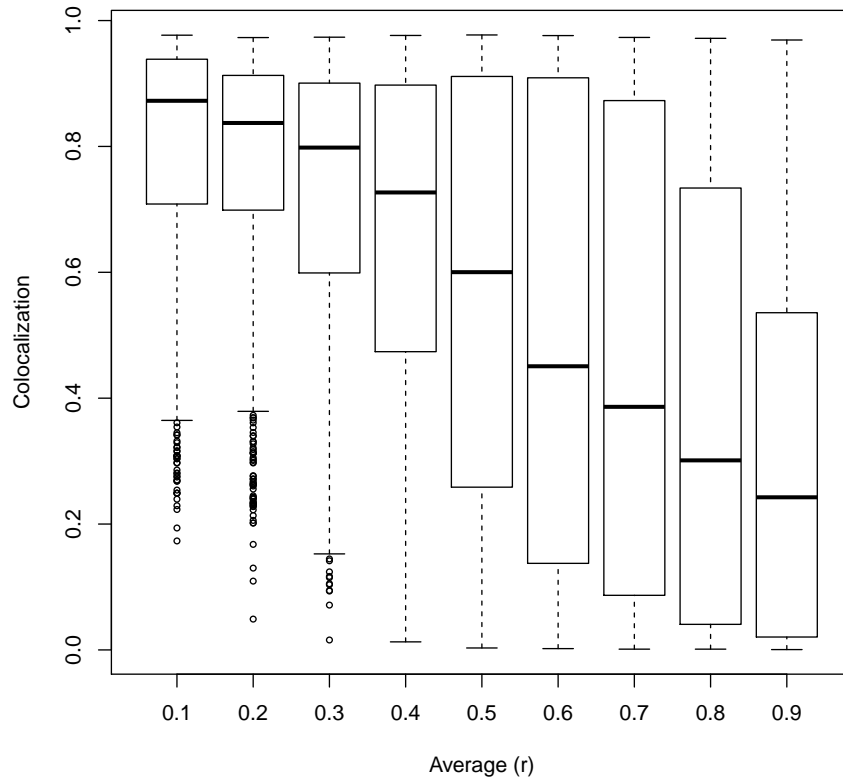
#### **Signals Detects Target Genes**

**Farhad Hormozdiari, Martijn van de Bunt, Ayellet V. Segrè, Xiao Li, Jong Wha J. Joo, Michael Bilow, Jae Hoon Sul, Sriram Sankararaman, Bogdan Pasaniuc, and Eleazar Eskin**

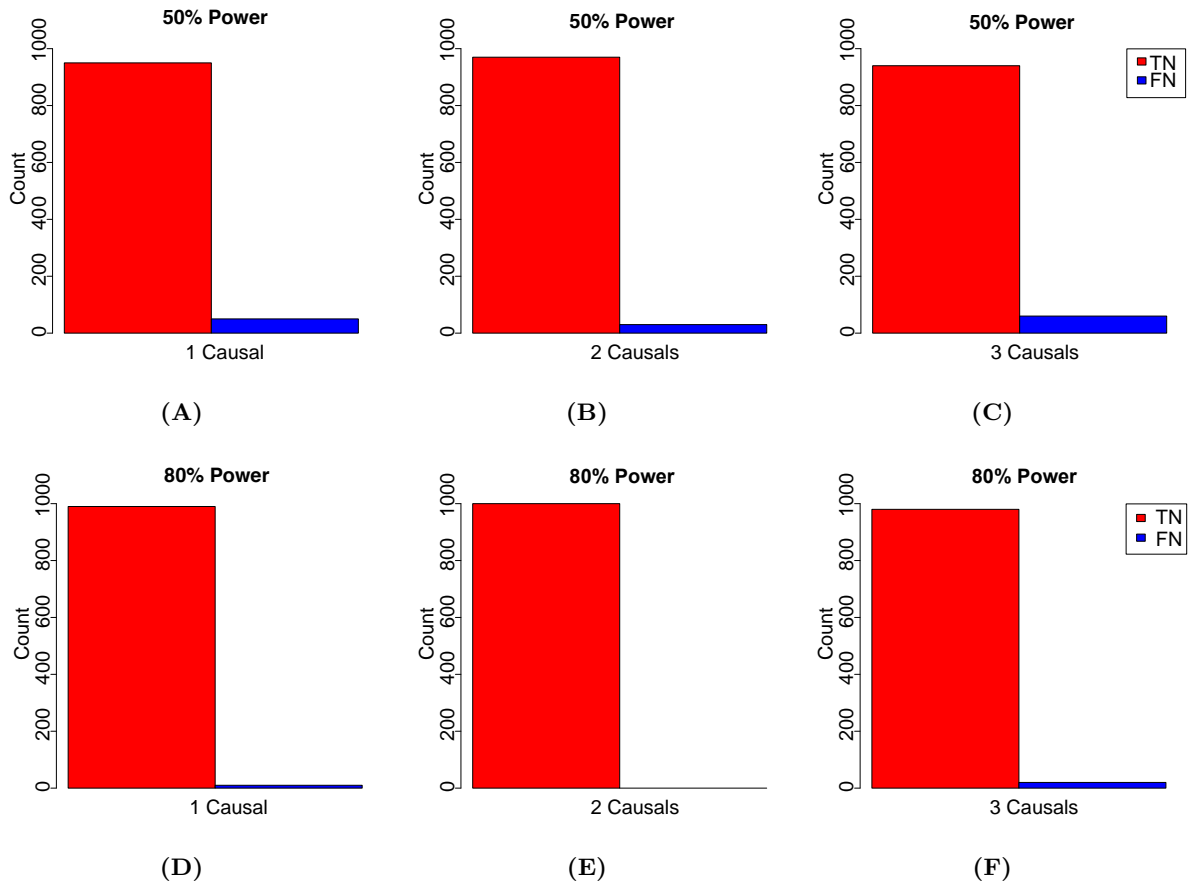
## Supplemental Data



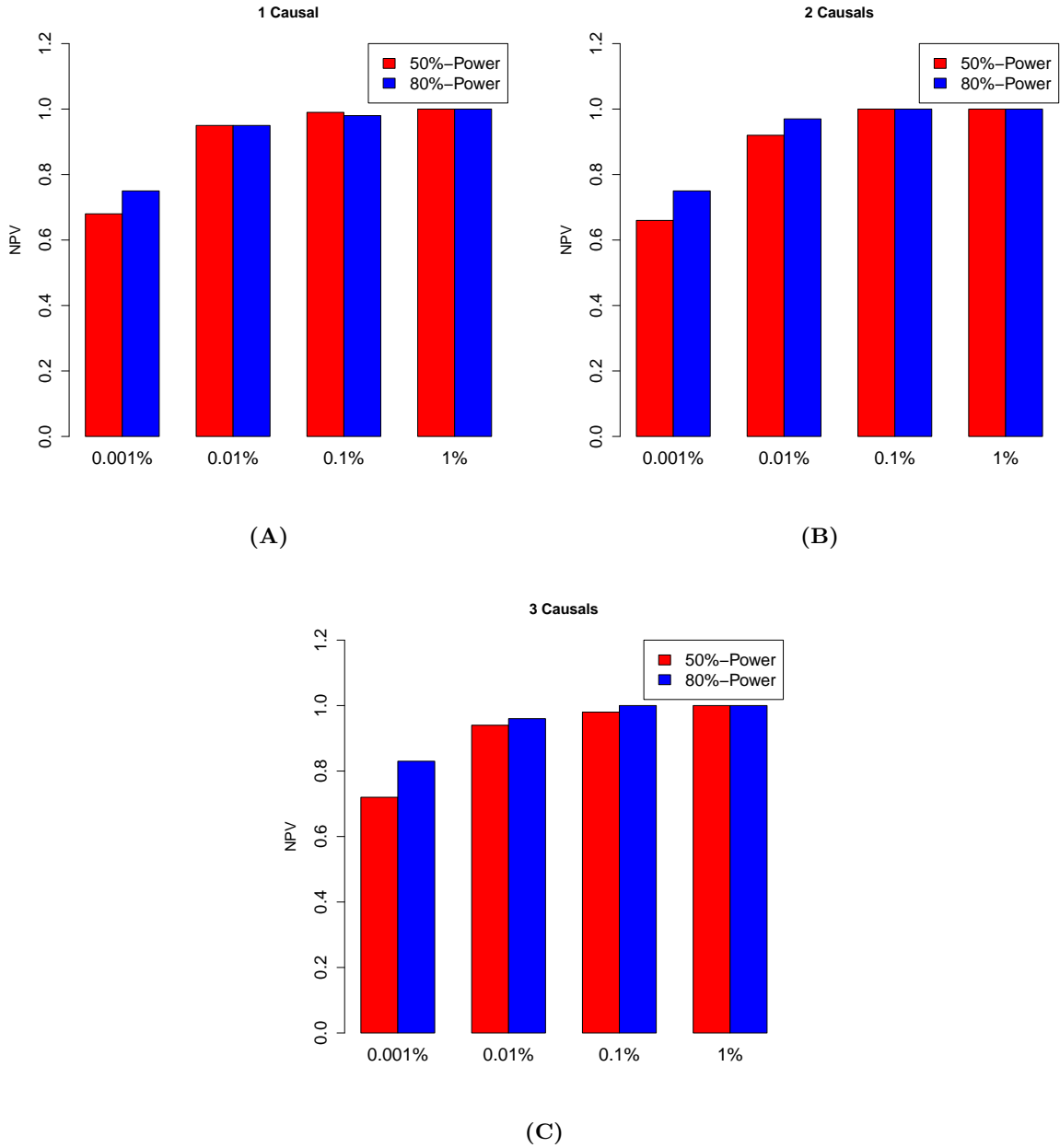
**Figure S1.** ROC curve computed for the same results as shown in Figures 3A and 3B where we generate the marginal statistics directly from the LD structure and we implant one causal variant in the locus. The x-axis is the false positive rate and the y-axis is the true positive rate. Panels (A) and (B) indicate the result for the case we have 50% and 80% for the causal variant, respectively.



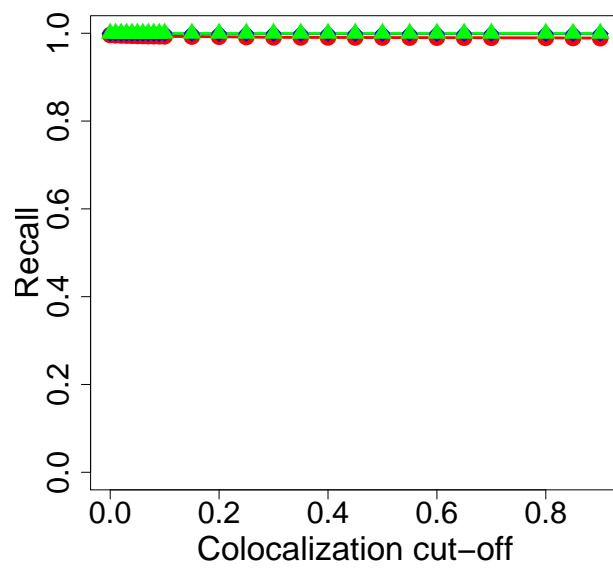
**Figure S2.** eCAVIAR quantification of CLPP depends on LD. We compute the probability of the same variant is causal in both GWAS and eQTL as we vary the Pearson's correlation between pair of variants. We observe that as we increase the correlation, which increase the LD complexity, the CLPP value decreases and the variance of the computed CLPP increases. We simulate datasets where we range the average Pearson's correlation between pair of variants from 0.1 to 0.9. In this setting, we implant only one causal variant in the same variant for both eQTL and GWAS. The NCP is set such that we have 50% power. Then, we simulate the marginal statistics for 1000 times.



**Figure S3.** eCAVIAR has high true negative (TN) rate and low false negative (FN) rate. We set the non-colocalization cut-off threshold to 0.01%

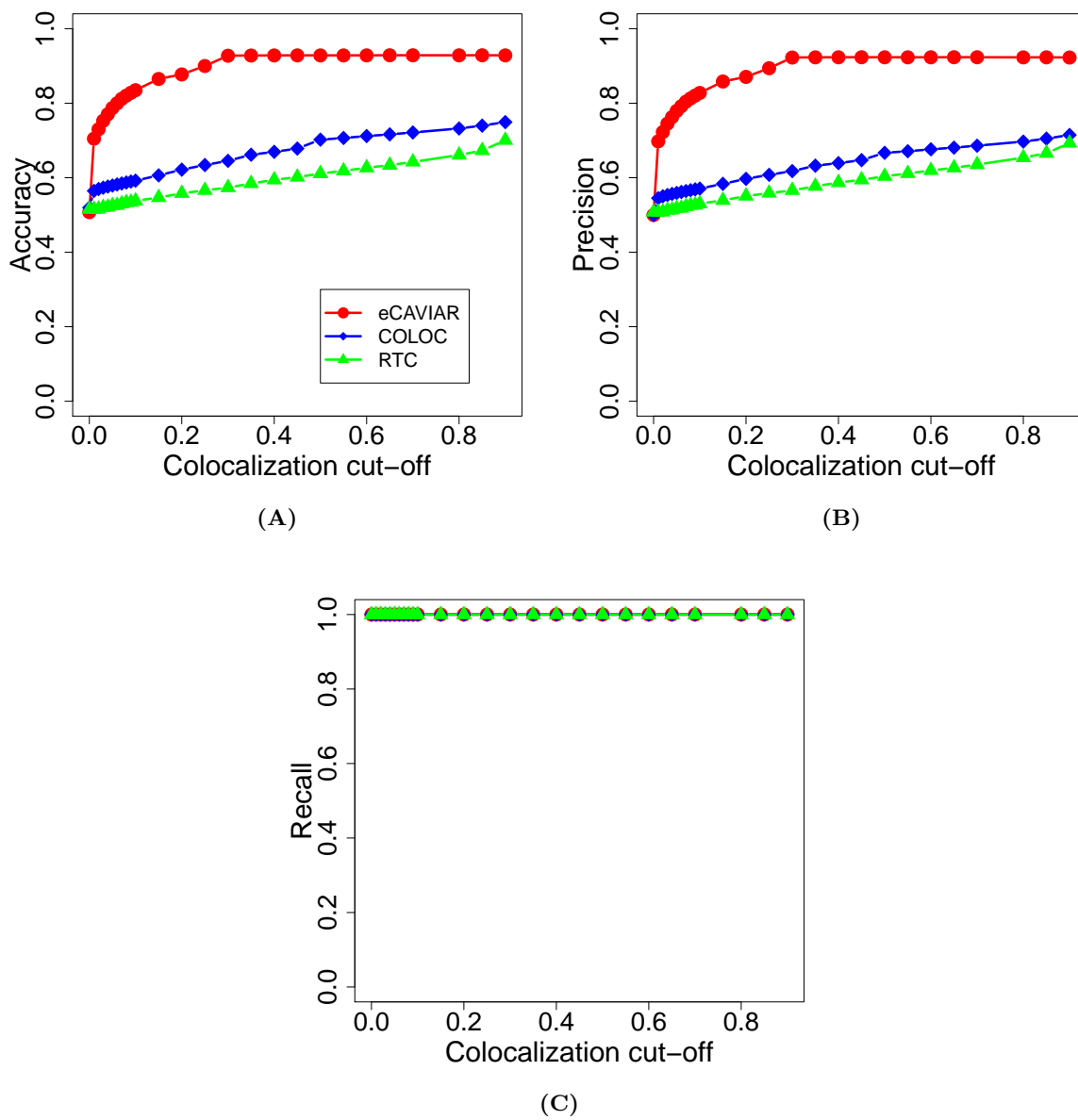


**Figure S4.** eCAVIAR has high negative predictive value (NPV). Panels (A), (B), and (C) illustrate the results for cases where we implant one, two, and three causal variants, respectively. We set NCP such that the statistical power at the causal variant is 50% or 80%.

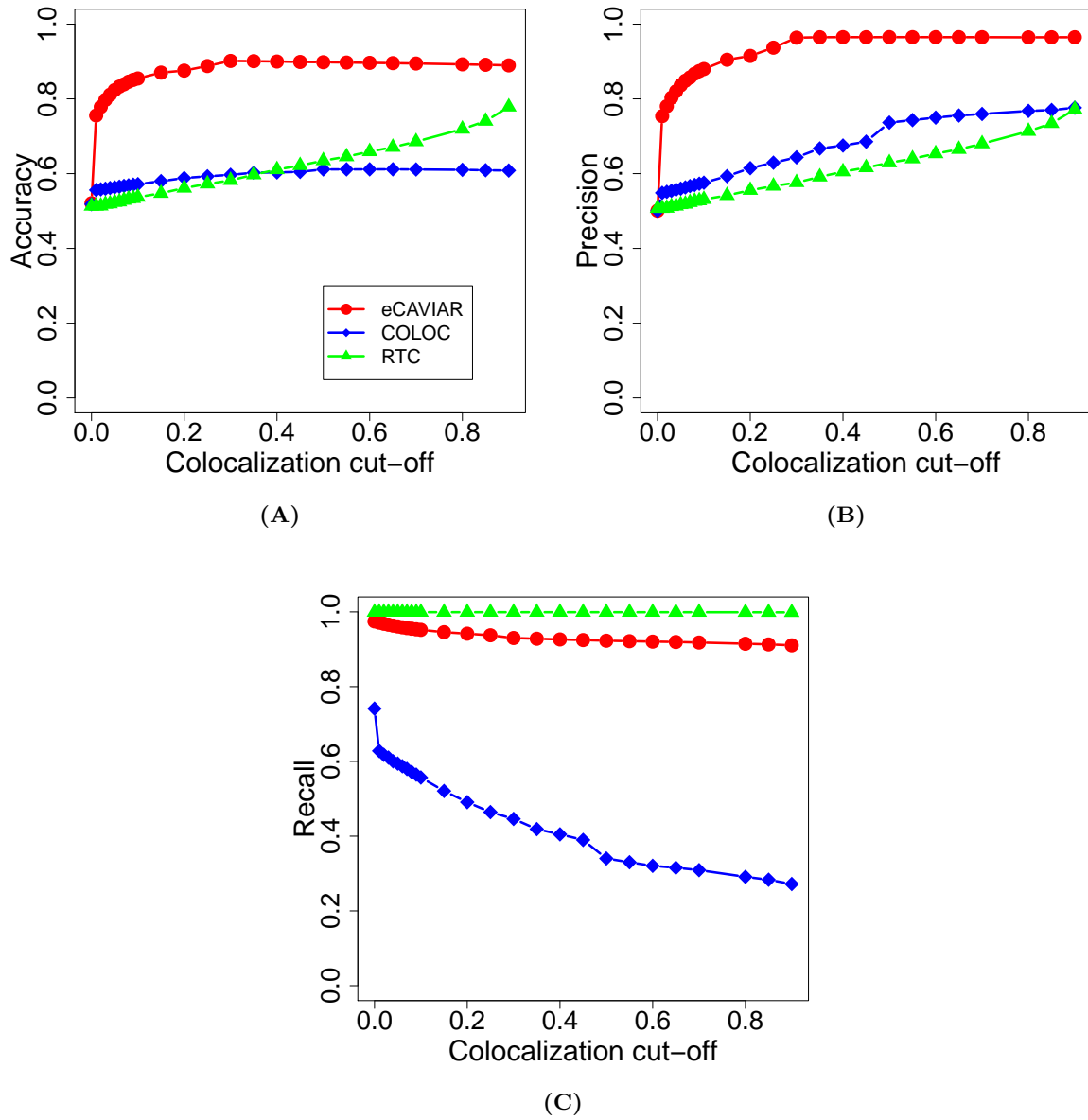


(A)

**Figure S5.** eCAVIAR, RTC, and COLOC have similar recall rate in the case where we have one causal variant in a locus. The x-axis is the colocalization cut-off threshold. We set the non-colocalization cut-off threshold to 0.1%.

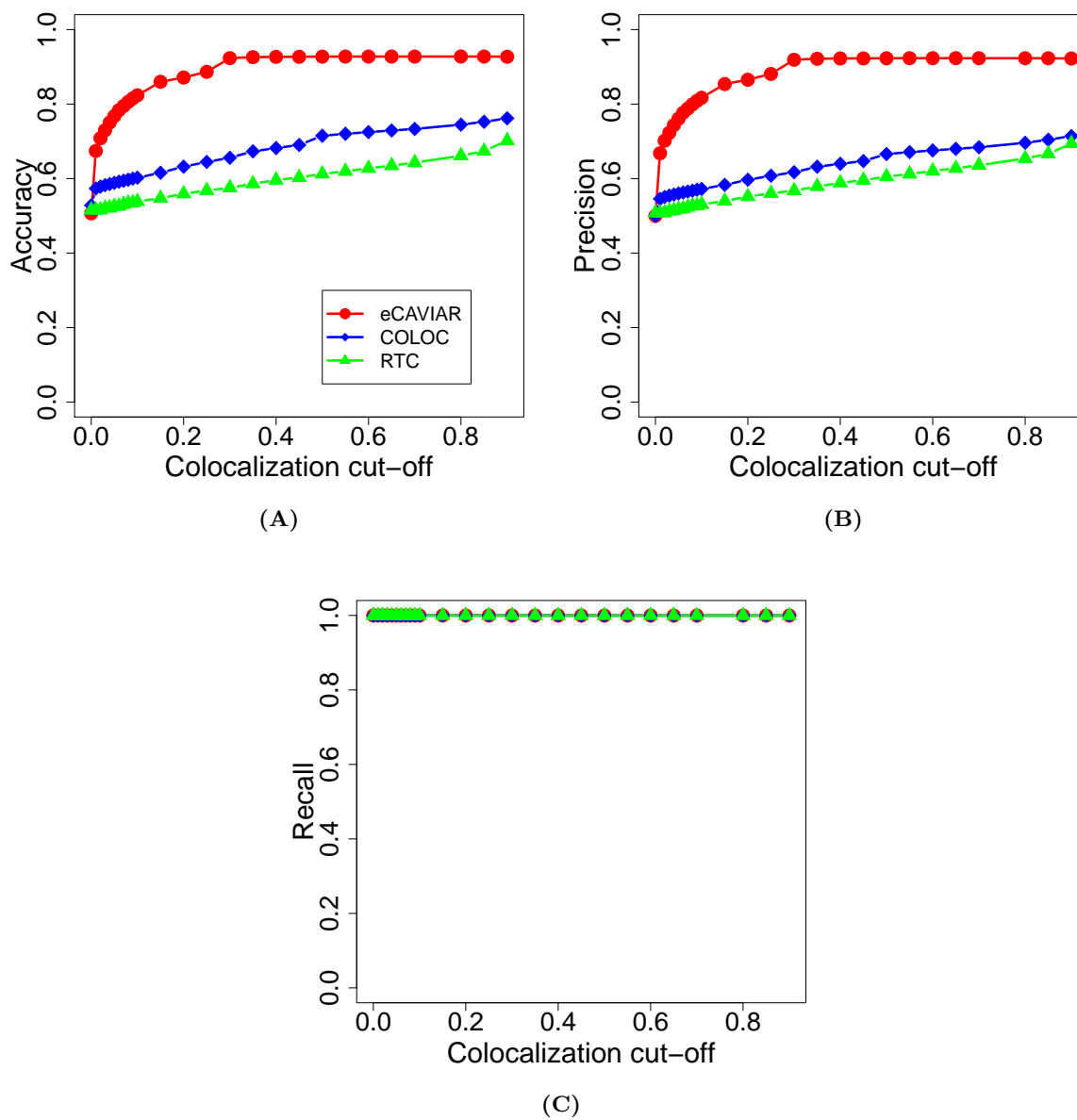


**Figure S6.** eCAVIAR is more accurate than existing methods for regions with one causal variant. We compared the accuracy and precision of eCAVIAR with the two existing methods (RTC and COLOC). The x-axis is the colocalization cut-off threshold. We set the non-colocalization cut-off threshold to 0.01%.

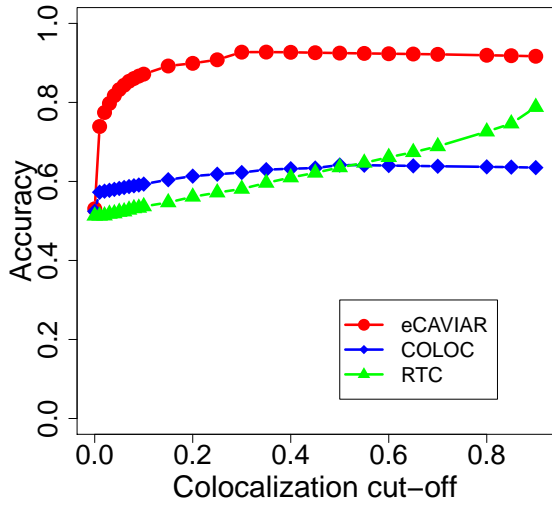


**Figure S7.** eCAVIAR is more accurate than existing methods in presence of allelic heterogeneity. We use similar process to generate the datasets as shown in Figure 4. However, in this case, we implant two causal variants. We set the non-colocalization cut-off threshold to 0.01%. RTC has better recall rare compared to eCAVIAR and COLOC.

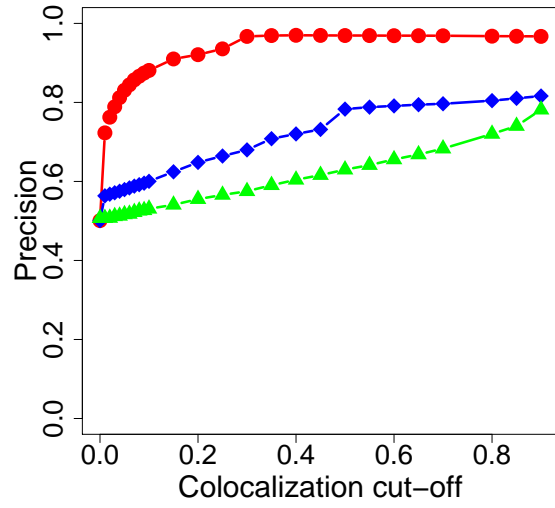




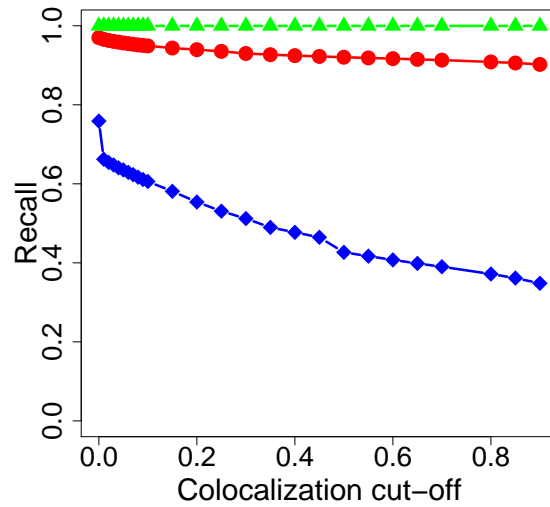
**Figure S8.** eCAVIAR outperforms existing methods when the causal variants are enriched with functional annotations. We implant one causal variant in our experiment.



(A)

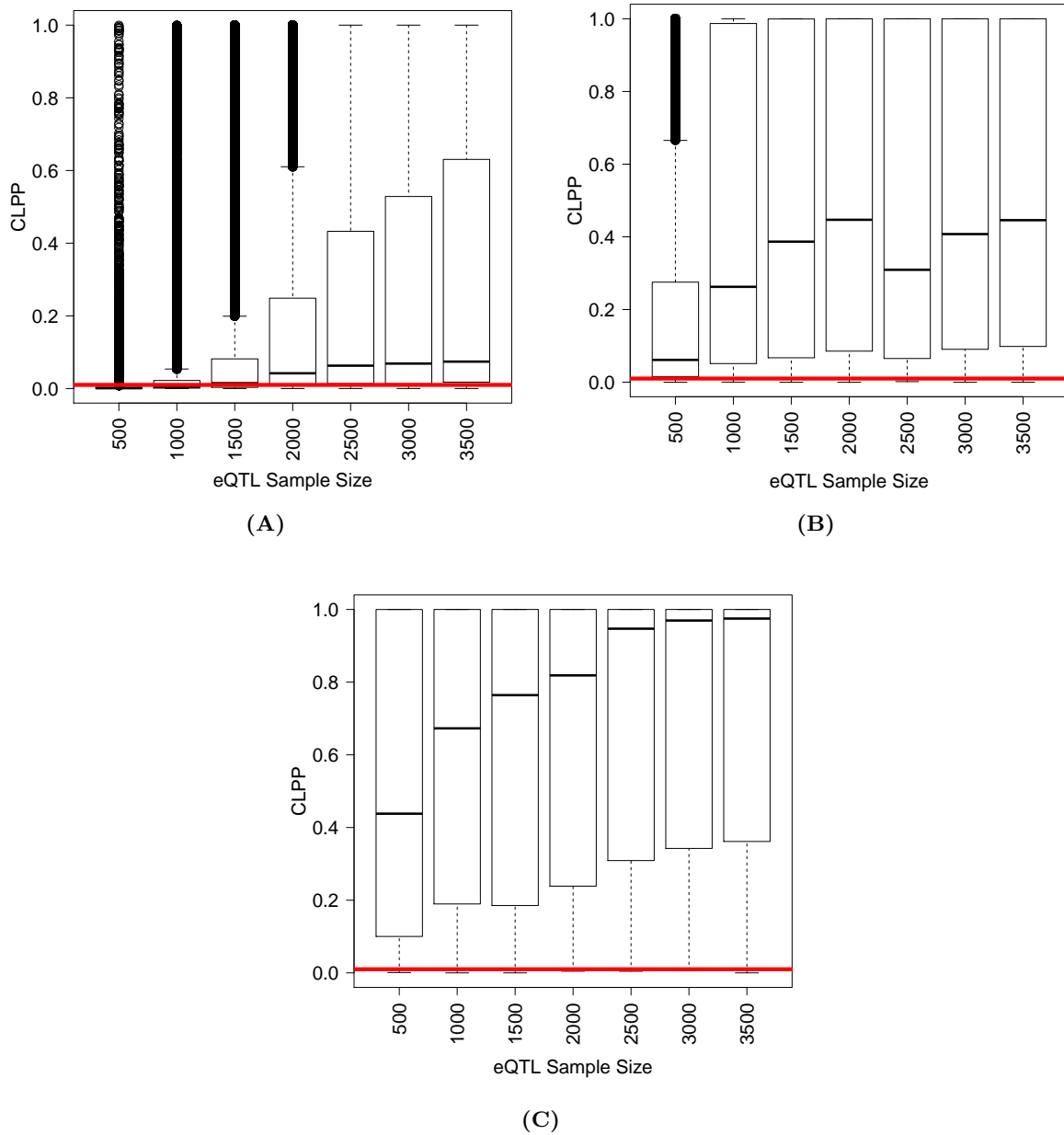


(B)



(C)

**Figure S9.** eCAVIAR outperforms existing methods when the causal variants are enriched with functional annotations. We implant two causal variants in our experiment.



**Figure S10.** Effect of eQTL sample size on CLPP. The x-axis is the sample size that we vary from 500 to 3500. The y-axis is the distribution of CLPP. The red horizontal line indicates the 0.01 (1%) colocalization cut-off that is used our experiments. We set the sample size for GWAS to 5000. We simulate the effect size for colocalized variant such that it accounts for 0.01, 0.04, and 0.1 portion of the heritability as shown in panel (A), panel (B), and panel (C), respectively.

Tissue	Number of Individuals
Uterus	70
Brain Anterior cingulate cortex BA24	72
Small Intestine Terminal Ileum	77
Vagina	79
Brain Hippocampus	81
Brain Hypothalamus	81
Brain Putamen basal ganglia	82
Ovary	85
Pituitary	87
Prostate	87
Brain Cerebellar Hemisphere	89
Spleen	89
Brain Frontal Cortex BA9	92
Brain Nucleus accumbens basal ganglia	93
Brain Cortex	96
Liver	97
Brain Caudate basal ganglia	100
Brain Cerebellum	103
Cells EBV-transformed lymphocytes	114
Artery Coronary	118
Colon Sigmoid	124
Adrenal Gland	126
Esophagus Gastroesophageal Junction	127
Pancreas	149
Testis	157
Heart Atrial Appendage	159
Colon Transverse	169
Stomach	170
Breast Mammary Tissue	183
Adipose Visceral Omentum	185
Heart Left Ventricle	190
Skin Not Sun Exposed Suprapubic	196
Artery Aorta	197
Esophagus Muscularis	218
Esophagus Mucosa	241
Nerve Tibial	256
Cells Transformed fibroblasts	272
Lung	278
Thyroid	278
Artery Tibial	285
Adipose Subcutaneous	298
Skin Sun Exposed Lower leg	302
Whole Blood	338
Muscle Skeletal	361

**Table S1.** List of 44 tissues which are obtained from GTEx dataset. We provide the number of individuals genotyped for each tissue. Different tissues have different number of individuals.

**Table S2.** Potential colocalization loci for FG phenotype. Colocalization loci consists of two summary statistics. One summary statistics obtained FG GWAS and the other summary statistics obtained for one of the genes in GTEx. Thus, we obtained these potential colocalization loci by considering the variants which are reported significant in previous study [?] for FG phenotype in MAGIC dataset. For each significant variant, we consider 50 variants upstream and downstream of the significant variants to define a locus. Next, we consider genes for all the tissues in GTEx data where at least one of the variants in the locus are significantly associated (corrected multiple hypothesis p-value of  $10^{-5}$  or more significant) with its gene expression. We consider all the 44 tissues in GTEx to obtain the list of genes for each significant GWAS SNP.

rsID	Ensembl ID	Gene Name	Tissue	eQTL p-values
rs10830963	ENSG00000166002	<i>SMCO4</i>	Skin-Sun-Exposed-Lower-leg	2.44786305915e-05
rs10830963	ENSG00000166012	<i>TAF1D</i>	Brain-Nucleus-accumbens-basal-ganglia	1.7539865514e-05
rs10830963	ENSG00000180773	<i>SLC36A4</i>	Esophagus-Mucosa	5.2352746432e-05
rs10830963	ENSG00000182919	<i>C11orf54</i>	Thyroid	8.61845523561e-06
rs10830963	ENSG00000206799	<i>SNORA32</i>	Skin-Sun-Exposed-Lower-leg	5.82640723736e-05
rs10830963	ENSG00000207145	<i>SNORA18</i>	Testis	4.2352972541e-05
rs10830963	ENSG00000255445	<i>RP11-573M3.3</i>	Heart-Atrial-Appendage	9.56125858181e-05
rs10885122	ENSG00000150594	<i>ADRA2A</i>	Brain-Nucleus-accumbens-basal-ganglia	2.57239942187e-10
rs10885122	ENSG00000150594	<i>ADRA2A</i>	Skin-Sun-Exposed-Lower-leg	8.13034309554e-05
rs10885122	ENSG00000203867	<i>RBM20</i>	Vagina	0.000126958323984
rs11071657	ENSG00000103642	<i>LACTB</i>	Whole-Blood	3.89333022107e-05
rs11071657	ENSG00000166104	<i>RP11-299H2.3</i>	Colon-Transverse	8.83954284179e-05
rs11071657	ENSG00000259498	<i>RP11-244F12.3</i>	Muscle-Skeletal	3.86262074991e-05
rs11071657	ENSG00000259627	<i>RP11-244F12.2</i>	Small-Intestine-Terminal-Ileum	2.27885479484e-05
rs11071657	ENSG00000259675	<i>RP11-507B12.1</i>	Vagina	6.91621612205e-05
rs11558471	ENSG00000147677	<i>EIF3H</i>	Spleen	3.9259893852e-05
rs11558471	ENSG00000164756	<i>SLC30A8</i>	Testis	2.05616636527e-05
rs11558471	ENSG00000205002	<i>AARD</i>	Uterus	2.36883921342e-05
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Cells-EBV-transformed-lymphocytes	7.4647373768e-06
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Lung	7.67362712574e-07
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Skin-Not-Sun-Exposed-Suprapubic	5.74803471957e-22
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Skin-Sun-Exposed-Lower-leg	4.60639977153e-17
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Spleen	3.55628090171e-06
rs11605924	ENSG00000121653	<i>MAPK8IP1</i>	Whole-Blood	7.82629295485e-21
rs11605924	ENSG00000121671	<i>CRY2</i>	Testis	6.38769471885e-06
rs11605924	ENSG00000121671	<i>CRY2</i>	Whole-Blood	1.03433652463e-05
rs11605924	ENSG00000157613	<i>CREB3L1</i>	Adipose-Subcutaneous	0.000119111609495
rs11605924	ENSG00000165905	<i>GYLTL1B</i>	Heart-Atrial-Appendage	2.25819961703e-05
rs11605924	ENSG00000165905	<i>GYLTL1B</i>	Liver	1.24164721955e-05

rs11605924	ENSG00000175220	<i>ARHGAP1</i>	Uterus	1.90164370129e-05
rs11605924	ENSG00000175264	<i>CHST1</i>	Artery-Aorta	8.34252658299e-08
rs11605924	ENSG00000175264	<i>CHST1</i>	Thyroid	1.73199564995e-06
rs11605924	ENSG00000175274	<i>TP53I11</i>	Skin-Sun-Exposed-Lower-leg	0.000122950946627
rs11605924	ENSG00000180210	<i>F2</i>	Vagina	2.48171640639e-05
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Artery-Tibial	2.34352827038e-06
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Cells-Transformed-fibroblasts	6.250451226e-05
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Esophagus-Mucosa	6.20248570017e-14
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Heart-Left-Ventricle	7.89769212566e-05
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Liver	2.18114395042e-06
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Lung	3.26105205064e-05
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Nerve-Tibial	2.348334931e-05
rs11605924	ENSG00000181830	<i>SLC35C1</i>	Whole-Blood	1.21176230508e-05
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Adipose-Subcutaneous	1.62392005396e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Artery-Aorta	1.73680733946e-05
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Artery-Tibial	4.09586542776e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Brain-Hippocampus	9.98988593786e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Brain-Hypothalamus	2.50756209116e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Brain-Nucleus-accumbens-basal-ganglia	4.27086076108e-07
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Brain-Putamen-basal-ganglia	4.81194257971e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Colon-Transverse	3.77728053812e-05
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Esophagus-Mucosa	9.50866511829e-09
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Esophagus-Muscularis	1.02011808847e-08
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Heart-Atrial-Appendage	1.03742684719e-05
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Heart-Left-Ventricle	1.3250774481e-08
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Liver	5.52158343567e-10
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Lung	1.30661604158e-08
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Nerve-Tibial	2.5524407916e-06
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Testis	1.65428551625e-10
rs11605924	ENSG00000205106	<i>DKFZp779M0652</i>	Thyroid	6.71470968327e-09
rs11605924	ENSG00000254427	<i>RP11-430H10.1</i>	Adipose-Visceral-Omentum	8.54818728207e-05
rs11605924	ENSG00000255091	<i>RP11-495O11.1</i>	Artery-Aorta	1.87736272121e-06
rs11605924	ENSG00000255091	<i>RP11-495O11.1</i>	Thyroid	3.08189576647e-05
rs11605924	ENSG00000255447	<i>CTD-2210P24.6</i>	Testis	3.8986007455e-07
rs11605924	ENSG00000255498	<i>RP11-618K13.2</i>	Skin-Not-Sun-Exposed-Suprapubic	4.70164342541e-07
rs11605924	ENSG00000255498	<i>RP11-618K13.2</i>	Skin-Sun-Exposed-Lower-leg	3.42801905208e-06

rs11605924	ENSG00000255498	<i>RP11-618K13.2</i>	Whole-Blood	4.42514908343e-07
rs11717195	ENSG00000065485	<i>PDIA5</i>	Artery-Tibial	5.02513492893e-07
rs11717195	ENSG00000065485	<i>PDIA5</i>	Thyroid	0.000126169254671
rs11717195	ENSG00000121542	<i>SEC22A</i>	Adipose-Subcutaneous	4.48128076072e-30
rs11717195	ENSG00000121542	<i>SEC22A</i>	Adipose-Visceral-Omentum	1.2210488429e-15
rs11717195	ENSG00000121542	<i>SEC22A</i>	Artery-Aorta	2.74502248777e-22
rs11717195	ENSG00000121542	<i>SEC22A</i>	Artery-Coronary	1.74364778894e-07
rs11717195	ENSG00000121542	<i>SEC22A</i>	Artery-Tibial	2.92641608999e-41
rs11717195	ENSG00000121542	<i>SEC22A</i>	Brain-Hippocampus	4.24221472915e-05
rs11717195	ENSG00000121542	<i>SEC22A</i>	Brain-Putamen-basal-ganglia	1.58717438504e-06
rs11717195	ENSG00000121542	<i>SEC22A</i>	Breast-Mammary-Tissue	8.14091243757e-26
rs11717195	ENSG00000121542	<i>SEC22A</i>	Cells-EBV-transformed-lymphocytes	3.97453071673e-19
rs11717195	ENSG00000121542	<i>SEC22A</i>	Cells-Transformed-fibroblasts	1.72043210473e-21
rs11717195	ENSG00000121542	<i>SEC22A</i>	Colon-Sigmoid	3.32176009411e-05
rs11717195	ENSG00000121542	<i>SEC22A</i>	Colon-Transverse	1.32320584448e-16
rs11717195	ENSG00000121542	<i>SEC22A</i>	Esophagus-Gastroesophageal-Junction	6.23486130719e-08
rs11717195	ENSG00000121542	<i>SEC22A</i>	Esophagus-Mucosa	1.57111454052e-32
rs11717195	ENSG00000121542	<i>SEC22A</i>	Esophagus-Muscularis	3.02922278608e-18
rs11717195	ENSG00000121542	<i>SEC22A</i>	Heart-Atrial-Appendage	1.75855920111e-10
rs11717195	ENSG00000121542	<i>SEC22A</i>	Heart-Left-Ventricle	8.28685652528e-16
rs11717195	ENSG00000121542	<i>SEC22A</i>	Liver	4.55618336936e-05
rs11717195	ENSG00000121542	<i>SEC22A</i>	Lung	1.93513734862e-32
rs11717195	ENSG00000121542	<i>SEC22A</i>	Muscle-Skeletal	5.74835973093e-12
rs11717195	ENSG00000121542	<i>SEC22A</i>	Nerve-Tibial	8.64817990778e-31
rs11717195	ENSG00000121542	<i>SEC22A</i>	Ovary	7.13294372886e-08
rs11717195	ENSG00000121542	<i>SEC22A</i>	Pancreas	4.95208254925e-17
rs11717195	ENSG00000121542	<i>SEC22A</i>	Pituitary	2.83455224563e-06
rs11717195	ENSG00000121542	<i>SEC22A</i>	Prostate	3.8871388354e-10
rs11717195	ENSG00000121542	<i>SEC22A</i>	Skin-Not-Sun-Exposed-Suprapubic	2.78022705583e-24
rs11717195	ENSG00000121542	<i>SEC22A</i>	Skin-Sun-Exposed-Lower-leg	7.15947070871e-30
rs11717195	ENSG00000121542	<i>SEC22A</i>	Small-Intestine-Terminal-Ileum	9.43650095252e-05
rs11717195	ENSG00000121542	<i>SEC22A</i>	Spleen	3.35596740581e-12
rs11717195	ENSG00000121542	<i>SEC22A</i>	Stomach	4.71966998706e-09
rs11717195	ENSG00000121542	<i>SEC22A</i>	Testis	1.50510717516e-29
rs11717195	ENSG00000121542	<i>SEC22A</i>	Thyroid	2.90016216577e-26
rs11717195	ENSG00000121542	<i>SEC22A</i>	Uterus	2.5995012953e-05

rs11717195	ENSG00000121542	<i>SEC22A</i>	Vagina	4.99348818084e-07
rs11717195	ENSG00000121542	<i>SEC22A</i>	Whole-Blood	1.01152955781e-08
rs11717195	ENSG00000138463	<i>DIRC2</i>	Vagina	4.522896308e-05
rs11717195	ENSG00000173175	<i>ADCY5</i>	Artery-Tibial	5.28198909019e-08
rs11717195	ENSG00000173175	<i>ADCY5</i>	Colon-Sigmoid	2.41887725148e-05
rs11717195	ENSG00000173175	<i>ADCY5</i>	Colon-Transverse	9.36426114519e-05
rs11717195	ENSG00000173175	<i>ADCY5</i>	Esophagus-Mucosa	2.73445293874e-05
rs11717195	ENSG00000173175	<i>ADCY5</i>	Esophagus-Muscularis	5.1190584425e-05
rs11717195	ENSG00000173175	<i>ADCY5</i>	Heart-Atrial-Appendage	5.26218774438e-08
rs11717195	ENSG00000173175	<i>ADCY5</i>	Heart-Left-Ventricle	1.9434499794e-06
rs11717195	ENSG00000173175	<i>ADCY5</i>	Lung	2.25598951136e-07
rs11717195	ENSG00000173175	<i>ADCY5</i>	Muscle-Skeletal	3.33007896392e-05
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rs11717195	ENSG00000173175	<i>ADCY5</i>	Uterus	9.56899015449e-06
rs11717195	ENSG00000272678	<i>RP11-797D24.4</i>	Artery-Tibial	2.88661745263e-07
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rs11717195	ENSG00000272678	<i>RP11-797D24.4</i>	Heart-Atrial-Appendage	1.03080946347e-05
rs11717195	ENSG00000272678	<i>RP11-797D24.4</i>	Heart-Left-Ventricle	4.61842170723e-08
rs11717195	ENSG00000272678	<i>RP11-797D24.4</i>	Lung	2.87399425739e-06
rs11920090	ENSG00000136603	<i>SKIL</i>	Ovary	2.52936436418e-05
rs11920090	ENSG00000154310	<i>TNIK</i>	Pituitary	6.90410977459e-05
rs11920090	ENSG00000163558	<i>PRKCI</i>	Skin-Sun-Exposed-Lower-leg	7.85139178977e-05
rs11920090	ENSG00000163577	<i>EIF5A2</i>	Cells-Transformed-fibroblasts	3.45312321942e-05
rs11920090	ENSG00000163584	<i>RPL22L1</i>	Whole-Blood	5.01595457402e-12
rs11920090	ENSG00000173890	<i>GPR160</i>	Esophagus-Gastroesophageal-Junction	5.08237136088e-05
rs11920090	ENSG00000242583	<i>RP11-379K17.9</i>	Testis	5.91788385319e-07
rs174550	ENSG00000006118	<i>TMEM132A</i>	Ovary	5.65591312284e-05
rs174550	ENSG00000110446	<i>SLC15A3</i>	Pituitary	6.79469593425e-05
rs174550	ENSG00000124915	<i>DKFZP434K028</i>	Liver	1.52224793122e-15
rs174550	ENSG00000124920	<i>MYRF</i>	Adipose-Subcutaneous	1.07163887489e-06
rs174550	ENSG00000124920	<i>MYRF</i>	Artery-Tibial	1.81465783637e-06
rs174550	ENSG00000124920	<i>MYRF</i>	Cells-Transformed-fibroblasts	2.05605381138e-10
rs174550	ENSG00000124920	<i>MYRF</i>	Colon-Transverse	6.27262101649e-08
rs174550	ENSG00000124920	<i>MYRF</i>	Liver	4.50726642799e-24
rs174550	ENSG00000124920	<i>MYRF</i>	Pancreas	1.32784077095e-05
rs174550	ENSG00000124920	<i>MYRF</i>	Whole-Blood	7.66855740345e-20



rs174550	ENSG00000124942	<i>AHNAK</i>	Nerve-Tibial	6.84199477452e-05
rs174550	ENSG00000134780	<i>DAGLA</i>	Cells-Transformed-fibroblasts	4.14413546326e-05
rs174550	ENSG00000134780	<i>DAGLA</i>	Nerve-Tibial	2.13192293716e-06
rs174550	ENSG00000134780	<i>DAGLA</i>	Pancreas	8.3610269796e-06
rs174550	ENSG00000134824	<i>FADS2</i>	Adipose-Subcutaneous	1.47626352099e-06
rs174550	ENSG00000134824	<i>FADS2</i>	Adipose-Visceral-Omentum	2.86468845017e-06
rs174550	ENSG00000134824	<i>FADS2</i>	Artery-Aorta	3.47197673622e-11
rs174550	ENSG00000134824	<i>FADS2</i>	Artery-Tibial	8.53787978639e-08
rs174550	ENSG00000134824	<i>FADS2</i>	Breast-Mammary-Tissue	1.18893114978e-08
rs174550	ENSG00000134824	<i>FADS2</i>	Cells-EBV-transformed-lymphocytes	6.92791393224e-05
rs174550	ENSG00000134824	<i>FADS2</i>	Cells-Transformed-fibroblasts	4.37278719299e-38
rs174550	ENSG00000134824	<i>FADS2</i>	Colon-Sigmoid	5.75779994918e-09
rs174550	ENSG00000134824	<i>FADS2</i>	Colon-Transverse	3.87706737558e-23
rs174550	ENSG00000134824	<i>FADS2</i>	Esophagus-Gastroesophageal-Junction	1.25995286312e-10
rs174550	ENSG00000134824	<i>FADS2</i>	Esophagus-Muscularis	7.55772902317e-28
rs174550	ENSG00000134824	<i>FADS2</i>	Heart-Atrial-Appendage	1.26182123746e-08
rs174550	ENSG00000134824	<i>FADS2</i>	Lung	1.03018055989e-07
rs174550	ENSG00000134824	<i>FADS2</i>	Muscle-Skeletal	2.66948968982e-09
rs174550	ENSG00000134824	<i>FADS2</i>	Nerve-Tibial	4.08649453855e-16
rs174550	ENSG00000134824	<i>FADS2</i>	Pancreas	5.62568232448e-06
rs174550	ENSG00000134824	<i>FADS2</i>	Skin-Not-Sun-Exposed-Suprapubic	9.06036111248e-05
rs174550	ENSG00000134824	<i>FADS2</i>	Spleen	4.47894470381e-26
rs174550	ENSG00000134824	<i>FADS2</i>	Stomach	4.50207540976e-06
rs174550	ENSG00000134824	<i>FADS2</i>	Thyroid	2.18577113233e-23
rs174550	ENSG00000134824	<i>FADS2</i>	Whole-Blood	1.23516042549e-124
rs174550	ENSG00000134825	<i>TMEM258</i>	Adipose-Subcutaneous	4.06417386895e-06
rs174550	ENSG00000134825	<i>TMEM258</i>	Adipose-Visceral-Omentum	6.05997896336e-05
rs174550	ENSG00000134825	<i>TMEM258</i>	Artery-Tibial	4.30808695008e-07
rs174550	ENSG00000134825	<i>TMEM258</i>	Cells-EBV-transformed-lymphocytes	7.99556999059e-06
rs174550	ENSG00000134825	<i>TMEM258</i>	Cells-Transformed-fibroblasts	1.69327446094e-07
rs174550	ENSG00000134825	<i>TMEM258</i>	Colon-Transverse	1.3186362034e-05
rs174550	ENSG00000134825	<i>TMEM258</i>	Muscle-Skeletal	1.20748545687e-05
rs174550	ENSG00000134825	<i>TMEM258</i>	Nerve-Tibial	1.36798969082e-06
rs174550	ENSG00000134825	<i>TMEM258</i>	Ovary	9.92380755701e-05
rs174550	ENSG00000134825	<i>TMEM258</i>	Skin-Sun-Exposed-Lower-leg	3.3614144123e-08
rs174550	ENSG00000134825	<i>TMEM258</i>	Whole-Blood	1.31063979536e-07

rs174550	ENSG00000149480	<i>MTA2</i>	Liver	0.000112499358457
rs174550	ENSG00000149485	<i>FADS1</i>	Artery-Tibial	9.4043631547e-06
rs174550	ENSG00000149485	<i>FADS1</i>	Brain-Hippocampus	4.54093402282e-05
rs174550	ENSG00000149485	<i>FADS1</i>	Brain-Putamen-basal-ganglia	3.22433297405e-06
rs174550	ENSG00000149485	<i>FADS1</i>	Breast-Mammary-Tissue	1.74825888583e-05
rs174550	ENSG00000149485	<i>FADS1</i>	Colon-Sigmoid	1.33527941446e-05
rs174550	ENSG00000149485	<i>FADS1</i>	Liver	4.2645289605e-05
rs174550	ENSG00000149485	<i>FADS1</i>	Muscle-Skeletal	4.29712744478e-09
rs174550	ENSG00000149485	<i>FADS1</i>	Nerve-Tibial	9.86394789532e-13
rs174550	ENSG00000149485	<i>FADS1</i>	Pancreas	3.71355853188e-25
rs174550	ENSG00000149485	<i>FADS1</i>	Stomach	1.10846086182e-10
rs174550	ENSG00000149485	<i>FADS1</i>	Thyroid	1.53366188198e-06
rs174550	ENSG00000149499	<i>EML3</i>	Skin-Not-Sun-Exposed-Suprapubic	7.6191865783e-05
rs174550	ENSG00000149506	<i>ZP1</i>	Adrenal-Gland	0.0001224879412
rs174550	ENSG00000162144	<i>CYB561A3</i>	Artery-Aorta	9.66918982602e-05
rs174550	ENSG00000162188	<i>GNG3</i>	Brain-Hippocampus	7.14451224699e-05
rs174550	ENSG00000162191	<i>UBXN1</i>	Brain-Putamen-basal-ganglia	2.14731353455e-05
rs174550	ENSG00000167987	<i>VPS37C</i>	Lung	8.86220323909e-06
rs174550	ENSG00000167995	<i>BEST1</i>	Stomach	6.31159912283e-05
rs174550	ENSG00000168000	<i>BSCL2</i>	Brain-Hypothalamus	1.93266607273e-05
rs174550	ENSG00000168002	<i>POLR2G</i>	Artery-Aorta	9.51846650203e-06
rs174550	ENSG00000207601	<i>MIR611</i>	Muscle-Skeletal	9.25132337759e-06
rs174550	ENSG00000207601	<i>MIR611</i>	Thyroid	9.42688703228e-05
rs174550	ENSG00000214753	<i>HNRNPUL2</i>	Colon-Transverse	7.55875326174e-05
rs174550	ENSG00000221968	<i>FADS3</i>	Liver	4.59871741566e-06
rs174550	ENSG00000255118	<i>RP11-703H8.7</i>	Cells-Transformed-fibroblasts	5.40761628183e-05
rs174550	ENSG00000257052	<i>RP11-881M11.2</i>	Skin-Sun-Exposed-Lower-leg	9.65492056964e-05
rs2191349	ENSG00000237070	<i>LOC105375166</i>	Colon-Transverse	8.91670843795e-05
rs4607517	ENSG00000015676	<i>NUDCD3</i>	Colon-Sigmoid	6.81574992936e-05
rs4607517	ENSG00000015676	<i>NUDCD3</i>	Colon-Transverse	0.000132421812821
rs4607517	ENSG00000058404	<i>CAMK2B</i>	Nerve-Tibial	1.02571474118e-06
rs4607517	ENSG00000106603	<i>COA1</i>	Muscle-Skeletal	9.88236081708e-05
rs4607517	ENSG00000106603	<i>COA1</i>	Small-Intestine-Terminal-Ileum	7.43495145463e-05
rs4607517	ENSG00000106608	<i>URGCP</i>	Brain-Hippocampus	0.000118741863422
rs4607517	ENSG00000106631	<i>MYL7</i>	Brain-Hypothalamus	2.03579173114e-07
rs4607517	ENSG00000106631	<i>MYL7</i>	Brain-Nucleus-accumbens-basal-ganglia	1.57407391493e-05

rs4607517	ENSG00000106633	<i>GCK</i>	Artery-Aorta	3.64341185775e-08
rs4607517	ENSG00000106633	<i>GCK</i>	Artery-Tibial	2.50853052784e-06
rs4607517	ENSG00000106633	<i>GCK</i>	Cells-Transformed-fibroblasts	2.59513829691e-06
rs4607517	ENSG00000106633	<i>GCK</i>	Colon-Sigmoid	7.91281792765e-05
rs4607517	ENSG00000106633	<i>GCK</i>	Ovary	2.74478432922e-05
rs4607517	ENSG00000106633	<i>GCK</i>	Thyroid	1.40524002295e-06
rs4607517	ENSG00000106636	<i>YKT6</i>	Artery-Aorta	4.64383379797e-05
rs4607517	ENSG00000106636	<i>YKT6</i>	Artery-Tibial	1.35586346349e-05
rs4607517	ENSG00000106636	<i>YKT6</i>	Muscle-Skeletal	1.3504504511e-06
rs4607517	ENSG00000106636	<i>YKT6</i>	Nerve-Tibial	3.77204249383e-08
rs4607517	ENSG00000106636	<i>YKT6</i>	Spleen	0.000110161962343
rs4607517	ENSG00000106636	<i>YKT6</i>	Testis	2.80798077625e-08
rs4607517	ENSG00000122678	<i>POLM</i>	Pituitary	0.000127963289669
rs4607517	ENSG00000214783	<i>POLR2J4</i>	Stomach	5.57197202642e-05
rs4607517	ENSG00000232956	<i>SNHG15</i>	Spleen	1.86473081598e-05
rs4607517	ENSG00000239775	<i>AC017116.11</i>	Artery-Tibial	1.11222953027e-05
rs4607517	ENSG00000239775	<i>AC017116.11</i>	Pituitary	8.06875463105e-05
rs4607517	ENSG00000239775	<i>AC017116.11</i>	Skin-Sun-Exposed-Lower-leg	2.66772000874e-05
rs4607517	ENSG00000272768	<i>RP4-673M15.1</i>	Whole-Blood	3.67370732112e-05
rs560887	ENSG00000144357	<i>UBR3</i>	Adipose-Subcutaneous	4.2131571751e-05
rs560887	ENSG00000152253	<i>SPC25</i>	Adipose-Subcutaneous	3.86223993369e-12
rs560887	ENSG00000152253	<i>SPC25</i>	Adipose-Visceral-Omentum	3.34610610317e-08
rs560887	ENSG00000152253	<i>SPC25</i>	Breast-Mammary-Tissue	1.94333203135e-09
rs560887	ENSG00000152253	<i>SPC25</i>	Esophagus-Gastroesophageal-Junction	6.57684285001e-05
rs560887	ENSG00000152253	<i>SPC25</i>	Esophagus-Muscularis	2.72793402053e-05
rs560887	ENSG00000152253	<i>SPC25</i>	Heart-Left-Ventricle	2.45718348331e-07
rs560887	ENSG00000152253	<i>SPC25</i>	Lung	1.32477367276e-10
rs560887	ENSG00000152253	<i>SPC25</i>	Nerve-Tibial	1.41909731656e-07
rs560887	ENSG00000152253	<i>SPC25</i>	Pancreas	6.27712479465e-14
rs560887	ENSG00000152253	<i>SPC25</i>	Stomach	7.4687660235e-08
rs560887	ENSG00000152253	<i>SPC25</i>	Thyroid	2.23167085387e-06
rs560887	ENSG00000152253	<i>SPC25</i>	Uterus	8.63781093856e-05
rs560887	ENSG00000152254	<i>G6PC2</i>	Adipose-Subcutaneous	2.29365890692e-44
rs560887	ENSG00000152254	<i>G6PC2</i>	Adipose-Visceral-Omentum	9.90863520284e-40
rs560887	ENSG00000152254	<i>G6PC2</i>	Breast-Mammary-Tissue	3.98413880387e-62
rs560887	ENSG00000152254	<i>G6PC2</i>	Colon-Transverse	3.06859548601e-09

rs560887	ENSG00000152254	<i>G6PC2</i>	Lung	1.77754225575e-69
rs560887	ENSG00000152254	<i>G6PC2</i>	Nerve-Tibial	9.62300344586e-30
rs560887	ENSG00000152254	<i>G6PC2</i>	Skin-Not-Sun-Exposed-Suprapubic	4.11488440163e-36
rs560887	ENSG00000152254	<i>G6PC2</i>	Skin-Sun-Exposed-Lower-leg	5.04823221975e-57
rs560887	ENSG00000152254	<i>G6PC2</i>	Stomach	5.70440304756e-21
rs560887	ENSG00000152254	<i>G6PC2</i>	Thyroid	1.60317874106e-34
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Adipose-Subcutaneous	8.99742781521e-08
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Adrenal-Gland	7.36729049722e-07
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Artery-Tibial	3.92609755042e-06
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Cells-EBV-transformed-lymphocytes	5.43395002041e-26
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Colon-Transverse	3.26106663575e-06
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Heart-Left-Ventricle	1.32053075953e-08
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Lung	5.92637609704e-08
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Nerve-Tibial	2.17221822661e-13
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Pancreas	2.1316196208e-10
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Prostate	1.59244224983e-06
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Skin-Sun-Exposed-Lower-leg	7.2171093318e-09
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Stomach	1.6447331884e-17
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Testis	2.41334475961e-16
rs560887	ENSG00000163072	<i>NOSTRIN</i>	Thyroid	3.03601387041e-07
rs560887	ENSG00000172292	<i>CERS6</i>	Adipose-Visceral-Omentum	4.67914154219e-05
rs7034200	ENSG00000106686	<i>SPATA6L</i>	Heart-Atrial-Appendage	3.24945597547e-05
rs7034200	ENSG00000107249	<i>GLIS3</i>	Cells-Transformed-fibroblasts	3.45573413009e-11
rs7034200	ENSG00000107249	<i>GLIS3</i>	Thyroid	0.000119458479636
rs7034200	ENSG00000147853	<i>AK3</i>	Brain-Putamen-basal-ganglia	4.56481081455e-06
rs7034200	ENSG00000182347	<i>PDSS1P1</i>	Esophagus-Gastroesophageal-Junction	3.11010312751e-05
rs7034200	ENSG00000228322	<i>RP11-358M14.2</i>	Thyroid	4.11620980493e-05
rs7034200	ENSG00000230225	<i>MTND5P14</i>	Nerve-Tibial	0.000102595276953
rs7034200	ENSG00000235326	<i>XXX</i>	Stomach	7.05416646715e-05
rs7034200	ENSG00000237009	<i>GLIS3-AS1</i>	Cells-Transformed-fibroblasts	1.5014164511e-08
rs780094	ENSG00000084734	<i>GCKR</i>	Spleen	7.2120706573e-16
rs780094	ENSG00000084734	<i>GCKR</i>	Thyroid	2.79663819232e-09
rs780094	ENSG00000084774	<i>CAD</i>	Thyroid	5.43528025657e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Adipose-Subcutaneous	6.33052712903e-10
rs780094	ENSG00000115216	<i>NRBP1</i>	Adipose-Visceral-Omentum	9.96713371471e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Adrenal-Gland	3.81105034801e-05

rs780094	ENSG00000115216	<i>NRBP1</i>	Artery-Aorta	9.15815289491e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Artery-Coronary	5.11596337923e-05
rs780094	ENSG00000115216	<i>NRBP1</i>	Artery-Tibial	1.83676732572e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Cells-EBV-transformed-lymphocytes	1.46844818731e-08
rs780094	ENSG00000115216	<i>NRBP1</i>	Cells-Transformed-fibroblasts	4.22153030192e-09
rs780094	ENSG00000115216	<i>NRBP1</i>	Colon-Transverse	5.96150273596e-12
rs780094	ENSG00000115216	<i>NRBP1</i>	Esophagus-Mucosa	5.93300774324e-07
rs780094	ENSG00000115216	<i>NRBP1</i>	Esophagus-Muscularis	4.81306905877e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Lung	9.24479524465e-08
rs780094	ENSG00000115216	<i>NRBP1</i>	Nerve-Tibial	1.52854205395e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Skin-Not-Sun-Exposed-Suprapubic	8.45643939211e-14
rs780094	ENSG00000115216	<i>NRBP1</i>	Skin-Sun-Exposed-Lower-leg	5.69488821675e-16
rs780094	ENSG00000115216	<i>NRBP1</i>	Testis	3.61393652831e-07
rs780094	ENSG00000115216	<i>NRBP1</i>	Thyroid	4.76671891923e-06
rs780094	ENSG00000115216	<i>NRBP1</i>	Whole-Blood	1.00741937894e-11
rs780094	ENSG00000115226	<i>FNDC4</i>	Spleen	7.29173952836e-19
rs780094	ENSG00000115226	<i>FNDC4</i>	Thyroid	7.85233691869e-22
rs780094	ENSG00000115234	<i>SNX17</i>	Artery-Tibial	3.05445090118e-06
rs780094	ENSG00000115234	<i>SNX17</i>	Heart-Left-Ventricle	2.63905873533e-05
rs780094	ENSG00000115234	<i>SNX17</i>	Muscle-Skeletal	2.31809754253e-54
rs780094	ENSG00000115234	<i>SNX17</i>	Ovary	6.42403837308e-05
rs780094	ENSG00000115241	<i>PPM1G</i>	Adipose-Subcutaneous	1.64518363222e-07
rs780094	ENSG00000115241	<i>PPM1G</i>	Artery-Tibial	0.000127176868123
rs780094	ENSG00000115241	<i>PPM1G</i>	Esophagus-Muscularis	7.02182582115e-06
rs780094	ENSG00000115241	<i>PPM1G</i>	Heart-Atrial-Appendage	3.34090082833e-05
rs780094	ENSG00000115241	<i>PPM1G</i>	Skin-Sun-Exposed-Lower-leg	6.81873664966e-08
rs780094	ENSG00000115241	<i>PPM1G</i>	Thyroid	5.92296997261e-08
rs780094	ENSG00000115241	<i>PPM1G</i>	Uterus	6.2203422555e-05
rs780094	ENSG00000115241	<i>PPM1G</i>	Whole-Blood	5.08418221184e-06
rs780094	ENSG00000138002	<i>IFT172</i>	Cells-Transformed-fibroblasts	6.43149009709e-06
rs780094	ENSG00000138002	<i>IFT172</i>	Spleen	3.40766307931e-06
rs780094	ENSG00000138074	<i>SLC5A6</i>	Nerve-Tibial	2.59687895514e-07
rs780094	ENSG00000138085	<i>ATRAID</i>	Adipose-Subcutaneous	3.64204133511e-06
rs780094	ENSG00000138085	<i>ATRAID</i>	Cells-Transformed-fibroblasts	4.22656091471e-05
rs780094	ENSG00000138085	<i>ATRAID</i>	Esophagus-Mucosa	7.033199084e-05
rs780094	ENSG00000138085	<i>ATRAID</i>	Stomach	5.60184149184e-06

rs780094	ENSG00000157992	<i>KRTCAP3</i>	Adipose-Visceral-Omentum	1.19630711398e-05
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Adrenal-Gland	1.05797393273e-09
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Artery-Tibial	4.84310273246e-05
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Esophagus-Mucosa	1.70988526206e-05
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Muscle-Skeletal	3.46830497049e-09
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Nerve-Tibial	7.76622325277e-05
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Skin-Sun-Exposed-Lower-leg	2.65054404226e-07
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Spleen	2.47712057827e-06
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Testis	2.64461487969e-05
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Thyroid	2.90732976901e-10
rs780094	ENSG00000157992	<i>KRTCAP3</i>	Whole-Blood	7.43521124449e-10
rs780094	ENSG00000163792	<i>TCF23</i>	Adipose-Visceral-Omentum	7.94940472883e-05
rs780094	ENSG00000163798	<i>SLC4A1AP</i>	Artery-Aorta	8.37212983625e-05
rs780094	ENSG00000163798	<i>SLC4A1AP</i>	Cells-Transformed-fibroblasts	5.15024966235e-05
rs780094	ENSG00000163798	<i>SLC4A1AP</i>	Esophagus-Mucosa	4.98374023788e-05
rs780094	ENSG00000171174	<i>RBKS</i>	Muscle-Skeletal	0.000105831011626
rs780094	ENSG00000176714	<i>CCDC121</i>	Spleen	5.68372729174e-05
rs780094	ENSG00000198522	<i>GPN1</i>	Muscle-Skeletal	3.37539746694e-05
rs780094	ENSG00000229122	<i>AGBL5-IT1</i>	Artery-Coronary	7.44343823279e-05
rs780094	ENSG00000234072	<i>AC074117.10</i>	Adipose-Subcutaneous	3.34633866994e-08
rs780094	ENSG00000234072	<i>AC074117.10</i>	Adipose-Visceral-Omentum	2.23628163175e-08
rs780094	ENSG00000234072	<i>AC074117.10</i>	Adrenal-Gland	1.84123088279e-06
rs780094	ENSG00000234072	<i>AC074117.10</i>	Artery-Aorta	1.73896132245e-05
rs780094	ENSG00000234072	<i>AC074117.10</i>	Artery-Coronary	2.77309460871e-07
rs780094	ENSG00000234072	<i>AC074117.10</i>	Artery-Tibial	1.01841800239e-08
rs780094	ENSG00000234072	<i>AC074117.10</i>	Breast-Mammary-Tissue	1.57199906534e-08
rs780094	ENSG00000234072	<i>AC074117.10</i>	Cells-Transformed-fibroblasts	1.85587761851e-22
rs780094	ENSG00000234072	<i>AC074117.10</i>	Colon-Sigmoid	6.10223022616e-08
rs780094	ENSG00000234072	<i>AC074117.10</i>	Colon-Transverse	4.29107590105e-11
rs780094	ENSG00000234072	<i>AC074117.10</i>	Esophagus-Gastroesophageal-Junction	3.63708645017e-06
rs780094	ENSG00000234072	<i>AC074117.10</i>	Esophagus-Mucosa	2.9963483337e-13
rs780094	ENSG00000234072	<i>AC074117.10</i>	Esophagus-Muscularis	3.66802466316e-10
rs780094	ENSG00000234072	<i>AC074117.10</i>	Heart-Atrial-Appendage	7.59712639918e-05
rs780094	ENSG00000234072	<i>AC074117.10</i>	Liver	6.4682462976e-05
rs780094	ENSG00000234072	<i>AC074117.10</i>	Lung	1.36528695798e-10
rs780094	ENSG00000234072	<i>AC074117.10</i>	Nerve-Tibial	9.65972368562e-06

rs780094	ENSG00000234072	<i>AC074117.10</i>	Pancreas	5.12889387587e-05
rs780094	ENSG00000234072	<i>AC074117.10</i>	Pituitary	9.13955202923e-12
rs780094	ENSG00000234072	<i>AC074117.10</i>	Prostate	1.99773648727e-06
rs780094	ENSG00000234072	<i>AC074117.10</i>	Stomach	3.51967258495e-06
rs780094	ENSG00000234072	<i>AC074117.10</i>	Testis	4.75994317682e-10
rs780094	ENSG00000234072	<i>AC074117.10</i>	Thyroid	6.08245717637e-20
rs780094	ENSG00000234072	<i>AC074117.10</i>	Vagina	3.58166998524e-06
rs780094	ENSG00000235267	<i>AC074117.13</i>	Breast-Mammary-Tissue	8.89875153068e-05
rs780094	ENSG00000235267	<i>AC074117.13</i>	Skin-Sun-Exposed-Lower-leg	3.74525571406e-05
rs780094	ENSG00000270210	<i>RP11-373D23.3</i>	Esophagus-Mucosa	4.63691181885e-05
rs780094	ENSG00000270210	<i>RP11-373D23.3</i>	Stomach	9.26771051729e-05
rs780094	ENSG00000270210	<i>RP11-373D23.3</i>	Thyroid	9.64224174215e-05
rs7944584	ENSG00000025434	<i>NR1H3</i>	Artery-Aorta	2.08009361483e-05
rs7944584	ENSG00000025434	<i>NR1H3</i>	Brain-Hypothalamus	1.22697126085e-07
rs7944584	ENSG00000025434	<i>NR1H3</i>	Brain-Nucleus-accumbens-basal-ganglia	0.000131733330946
rs7944584	ENSG00000025434	<i>NR1H3</i>	Cells-EBV-transformed-lymphocytes	2.29707271199e-10
rs7944584	ENSG00000025434	<i>NR1H3</i>	Cells-Transformed-fibroblasts	1.15434837914e-05
rs7944584	ENSG00000025434	<i>NR1H3</i>	Nerve-Tibial	7.20595223102e-05
rs7944584	ENSG00000030066	<i>NUP160</i>	Esophagus-Gastroesophageal-Junction	5.51250147279e-05
rs7944584	ENSG00000109919	<i>MTCH2</i>	Brain-Nucleus-accumbens-basal-ganglia	1.20137805688e-06
rs7944584	ENSG00000109919	<i>MTCH2</i>	Muscle-Skeletal	8.05066517251e-07
rs7944584	ENSG00000109919	<i>MTCH2</i>	Skin-Sun-Exposed-Lower-leg	8.53451748775e-05
rs7944584	ENSG00000109920	<i>FNBP4</i>	Cells-Transformed-fibroblasts	1.32732752938e-06
rs7944584	ENSG00000109920	<i>FNBP4</i>	Muscle-Skeletal	8.89603654962e-07
rs7944584	ENSG00000110492	<i>MDK</i>	Artery-Tibial	9.73202258852e-06
rs7944584	ENSG00000110514	<i>MADD</i>	Adipose-Subcutaneous	7.59998823807e-05
rs7944584	ENSG00000110514	<i>MADD</i>	Adipose-Visceral-Omentum	0.00012158221747
rs7944584	ENSG00000110514	<i>MADD</i>	Adrenal-Gland	2.2163994994e-05
rs7944584	ENSG00000110514	<i>MADD</i>	Artery-Tibial	8.90121801072e-08
rs7944584	ENSG00000110514	<i>MADD</i>	Breast-Mammary-Tissue	8.77616409944e-05
rs7944584	ENSG00000110514	<i>MADD</i>	Cells-Transformed-fibroblasts	4.94513410518e-09
rs7944584	ENSG00000110514	<i>MADD</i>	Colon-Transverse	6.3042408978e-06
rs7944584	ENSG00000110514	<i>MADD</i>	Esophagus-Mucosa	3.4527574667e-09
rs7944584	ENSG00000110514	<i>MADD</i>	Heart-Atrial-Appendage	3.17991729758e-08
rs7944584	ENSG00000110514	<i>MADD</i>	Heart-Left-Ventricle	2.457378901e-05
rs7944584	ENSG00000110514	<i>MADD</i>	Muscle-Skeletal	7.85528914203e-05

rs7944584	ENSG00000110514	<i>MADD</i>	Nerve-Tibial	3.26145755213e-05
rs7944584	ENSG00000110514	<i>MADD</i>	Pancreas	4.17482675702e-07
rs7944584	ENSG00000110514	<i>MADD</i>	Pituitary	1.72076652188e-11
rs7944584	ENSG00000110514	<i>MADD</i>	Thyroid	4.79922519912e-06
rs7944584	ENSG00000110514	<i>MADD</i>	Vagina	0.000122105725593
rs7944584	ENSG00000110514	<i>MADD</i>	Whole-Blood	2.16060782194e-05
rs7944584	ENSG00000123444	<i>KBTBD4</i>	Esophagus-Gastroesophageal-Junction	4.87252662217e-05
rs7944584	ENSG00000134569	<i>LRP4</i>	Nerve-Tibial	2.27800965124e-10
rs7944584	ENSG00000134569	<i>LRP4</i>	Pancreas	9.48225523427e-07
rs7944584	ENSG00000134571	<i>MYBPC3</i>	Heart-Atrial-Appendage	7.05925424226e-05
rs7944584	ENSG00000134571	<i>MYBPC3</i>	Lung	3.15496228313e-05
rs7944584	ENSG00000134571	<i>MYBPC3</i>	Nerve-Tibial	4.79897016865e-05
rs7944584	ENSG00000134571	<i>MYBPC3</i>	Whole-Blood	3.72029557362e-10
rs7944584	ENSG00000134574	<i>DDB2</i>	Esophagus-Mucosa	0.000125985422351
rs7944584	ENSG00000134575	<i>ACP2</i>	Adipose-Subcutaneous	7.68755973373e-06
rs7944584	ENSG00000134575	<i>ACP2</i>	Adipose-Visceral-Omentum	1.27104258893e-05
rs7944584	ENSG00000134575	<i>ACP2</i>	Cells-EBV-transformed-lymphocytes	1.07620921425e-08
rs7944584	ENSG00000134575	<i>ACP2</i>	Cells-Transformed-fibroblasts	0.000121806366566
rs7944584	ENSG00000134575	<i>ACP2</i>	Esophagus-Mucosa	2.73364543661e-14
rs7944584	ENSG00000134575	<i>ACP2</i>	Heart-Atrial-Appendage	1.20233194782e-06
rs7944584	ENSG00000134575	<i>ACP2</i>	Heart-Left-Ventricle	1.56687990124e-09
rs7944584	ENSG00000134575	<i>ACP2</i>	Lung	5.19595924101e-08
rs7944584	ENSG00000134575	<i>ACP2</i>	Muscle-Skeletal	0.00013144342915
rs7944584	ENSG00000134575	<i>ACP2</i>	Nerve-Tibial	2.61766719937e-06
rs7944584	ENSG00000134575	<i>ACP2</i>	Skin-Sun-Exposed-Lower-leg	1.07143020893e-17
rs7944584	ENSG00000134575	<i>ACP2</i>	Spleen	1.33254214111e-05
rs7944584	ENSG00000134575	<i>ACP2</i>	Thyroid	3.40882048091e-15
rs7944584	ENSG00000134575	<i>ACP2</i>	Whole-Blood	1.43425178272e-20
rs7944584	ENSG00000149179	<i>C11orf49</i>	Artery-Coronary	5.67565971147e-05
rs7944584	ENSG00000149179	<i>C11orf49</i>	Nerve-Tibial	0.00012048675964
rs7944584	ENSG00000149182	<i>ARFGAP2</i>	Artery-Tibial	6.29133475824e-05
rs7944584	ENSG00000149187	<i>CELF1</i>	Nerve-Tibial	2.50584748447e-05
rs7944584	ENSG00000165912	<i>PACSIN3</i>	Artery-Aorta	1.1604680458e-05
rs7944584	ENSG00000165912	<i>PACSIN3</i>	Esophagus-Mucosa	1.28324437184e-11
rs7944584	ENSG00000165912	<i>PACSIN3</i>	Skin-Sun-Exposed-Lower-leg	3.63199545474e-05
rs7944584	ENSG00000165912	<i>PACSIN3</i>	Spleen	6.6725849258e-07



rs7944584	ENSG00000165912	<i>PACSIN3</i>	Thyroid	7.9096234924e-07
rs7944584	ENSG00000165916	<i>PSMC3</i>	Adipose-Subcutaneous	2.34072925216e-05
rs7944584	ENSG00000165916	<i>PSMC3</i>	Cells-Transformed-fibroblasts	2.04305253074e-06
rs7944584	ENSG00000165916	<i>PSMC3</i>	Prostate	5.33810723515e-06
rs7944584	ENSG00000165916	<i>PSMC3</i>	Skin-Sun-Exposed-Lower-leg	3.11248061392e-06
rs7944584	ENSG00000165916	<i>PSMC3</i>	Thyroid	4.08398212744e-05
rs7944584	ENSG00000165916	<i>PSMC3</i>	Uterus	7.16490580163e-05
rs7944584	ENSG00000165917	<i>RAPSN</i>	Nerve-Tibial	8.62453385564e-05
rs7944584	ENSG00000165917	<i>RAPSN</i>	Skin-Sun-Exposed-Lower-leg	1.80631527423e-06
rs7944584	ENSG00000165917	<i>RAPSN</i>	Thyroid	1.20524036929e-07
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Adipose-Subcutaneous	3.56810013653e-34
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Artery-Aorta	1.24998255811e-09
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Artery-Coronary	1.33459962796e-05
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Artery-Tibial	4.45064032939e-11
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Breast-Mammary-Tissue	5.84525478966e-10
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Cells-EBV-transformed-lymphocytes	1.28865421506e-08
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Cells-Transformed-fibroblasts	5.38201805563e-10
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Colon-Transverse	2.04967618837e-10
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Esophagus-Mucosa	2.78374518782e-08
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Heart-Atrial-Appendage	1.13484278922e-08
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Liver	3.31423676529e-09
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Lung	3.85455422061e-22
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Muscle-Skeletal	1.42762821593e-17
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Nerve-Tibial	8.61270858773e-20
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Skin-Sun-Exposed-Lower-leg	1.04949880433e-28
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Spleen	4.24043916056e-15
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Thyroid	9.53527705852e-05
rs7944584	ENSG00000172247	<i>C1QTNF4</i>	Whole-Blood	5.13079512637e-10
rs7944584	ENSG00000247675	<i>LRP4-AS1</i>	Nerve-Tibial	9.25170624531e-09
rs7944584	ENSG00000247675	<i>LRP4-AS1</i>	Pancreas	5.93014122957e-05
rs7944584	ENSG00000271350	<i>CTD-2384B9.1</i>	Nerve-Tibial	2.14845905703e-05
rs7944584	ENSG00000271557	<i>YPEL5P2</i>	Nerve-Tibial	7.51699584443e-05

**Table S3.** Potential colocalization loci for FP phenotype. Colocation loci consists of two summary statistics. One summary statistics obtained FP GWAS and the other summary statistics obtained for one of the genes in GTEx. Thus, we obtained these potential colocalization loci by considering the variants which are reported significant in previous study [?] for FP phenotype in MAGIC dataset. For each significant variant, we consider 50 variants upstream and downstream of the significant variants to define a locus. Next, we consider genes for all the tissues in GTEx data where at least one of the variants in the locus are significantly associated (corrected multiple hypothesis p-value of  $10^{-5}$  or more significant) with its gene expression. We consider all the 44 tissues in GTEx to obtain the list of genes for each significant GWAS SNP.

rsID	Ensembl ID	Gene Name	Tissue	eQTL p-values
rs10501320	ENSG00000025434	<i>NR1H3</i>	Artery-Aorta	2.08009361483e-05
rs10501320	ENSG00000025434	<i>NR1H3</i>	Brain-Hypothalamus	1.22697126085e-07
rs10501320	ENSG00000025434	<i>NR1H3</i>	Brain-Nucleus-accumbens-basal-ganglia	0.000131733330946
rs10501320	ENSG00000025434	<i>NR1H3</i>	Cells-Transformed-fibroblasts	1.85933794358e-05
rs10501320	ENSG00000025434	<i>NR1H3</i>	Nerve-Tibial	7.20595223102e-05
rs10501320	ENSG00000025434	<i>NR1H3</i>	Testis	2.37790021124e-07
rs10501320	ENSG00000030066	<i>NUP160</i>	Spleen	0.000116421914784
rs10501320	ENSG00000109919	<i>MTCH2</i>	Skin-Sun-Exposed-Lower-leg	8.53451748775e-05
rs10501320	ENSG00000109919	<i>MTCH2</i>	Testis	3.37267588819e-05
rs10501320	ENSG00000109920	<i>FNBP4</i>	Muscle-Skeletal	8.89603654962e-07
rs10501320	ENSG00000110492	<i>MDK</i>	Artery-Tibial	9.73202258852e-06
rs10501320	ENSG00000110514	<i>MADD</i>	Adipose-Subcutaneous	0.000112857498127
rs10501320	ENSG00000110514	<i>MADD</i>	Adrenal-Gland	2.2163994994e-05
rs10501320	ENSG00000110514	<i>MADD</i>	Artery-Aorta	0.000122351334124
rs10501320	ENSG00000110514	<i>MADD</i>	Artery-Tibial	8.90121801072e-08
rs10501320	ENSG00000110514	<i>MADD</i>	Cells-Transformed-fibroblasts	4.94513410518e-09
rs10501320	ENSG00000110514	<i>MADD</i>	Esophagus-Mucosa	3.4527574667e-09
rs10501320	ENSG00000110514	<i>MADD</i>	Heart-Atrial-Appendage	3.17991729758e-08
rs10501320	ENSG00000110514	<i>MADD</i>	Heart-Left-Ventricle	2.457378901e-05
rs10501320	ENSG00000110514	<i>MADD</i>	Muscle-Skeletal	7.85528914203e-05
rs10501320	ENSG00000110514	<i>MADD</i>	Nerve-Tibial	3.26145755213e-05
rs10501320	ENSG00000110514	<i>MADD</i>	Pancreas	4.17482675702e-07
rs10501320	ENSG00000110514	<i>MADD</i>	Pituitary	1.72076652188e-11
rs10501320	ENSG00000110514	<i>MADD</i>	Testis	2.16618984585e-07
rs10501320	ENSG00000110514	<i>MADD</i>	Vagina	0.000122105725593
rs10501320	ENSG00000134569	<i>LRP4</i>	Nerve-Tibial	6.19405876199e-31
rs10501320	ENSG00000134569	<i>LRP4</i>	Pancreas	4.0536511969e-16
rs10501320	ENSG00000134569	<i>LRP4</i>	Spleen	4.61451279373e-05
rs10501320	ENSG00000134571	<i>MYBPC3</i>	Heart-Atrial-Appendage	7.05925424226e-05

rs10501320	ENSG00000134571	<i>MYBPC3</i>	Nerve-Tibial	4.79897016865e-05
rs10501320	ENSG00000134574	<i>DDB2</i>	Esophagus-Mucosa	0.000125985422351
rs10501320	ENSG00000134574	<i>DDB2</i>	Heart-Atrial-Appendage	2.44184886821e-05
rs10501320	ENSG00000134574	<i>DDB2</i>	Muscle-Skeletal	6.10776590083e-05
rs10501320	ENSG00000134574	<i>DDB2</i>	Skin-Sun-Exposed-Lower-leg	2.43673646413e-10
rs10501320	ENSG00000134575	<i>ACP2</i>	Adipose-Subcutaneous	7.68755973373e-06
rs10501320	ENSG00000134575	<i>ACP2</i>	Esophagus-Mucosa	2.73364543661e-14
rs10501320	ENSG00000134575	<i>ACP2</i>	Heart-Atrial-Appendage	8.70907835138e-07
rs10501320	ENSG00000134575	<i>ACP2</i>	Heart-Left-Ventricle	1.56687990124e-09
rs10501320	ENSG00000134575	<i>ACP2</i>	Lung	6.76675705027e-08
rs10501320	ENSG00000134575	<i>ACP2</i>	Muscle-Skeletal	0.00013144342915
rs10501320	ENSG00000134575	<i>ACP2</i>	Nerve-Tibial	2.61766719937e-06
rs10501320	ENSG00000134575	<i>ACP2</i>	Skin-Not-Sun-Exposed-Suprapubic	2.55612655967e-06
rs10501320	ENSG00000134575	<i>ACP2</i>	Skin-Sun-Exposed-Lower-leg	1.07143020893e-17
rs10501320	ENSG00000134575	<i>ACP2</i>	Spleen	1.88165296359e-05
rs10501320	ENSG00000134575	<i>ACP2</i>	Vagina	4.65323577258e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Adipose-Subcutaneous	5.67865942461e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Adrenal-Gland	1.24023663745e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Esophagus-Mucosa	8.92232838988e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Pancreas	3.3055837935e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Skin-Not-Sun-Exposed-Suprapubic	7.37619039844e-06
rs10501320	ENSG00000149179	<i>C11orf49</i>	Skin-Sun-Exposed-Lower-leg	5.48944677851e-05
rs10501320	ENSG00000149179	<i>C11orf49</i>	Testis	4.29749081422e-40
rs10501320	ENSG00000149182	<i>ARFGAP2</i>	Artery-Tibial	6.29133475824e-05
rs10501320	ENSG00000149187	<i>CELF1</i>	Prostate	1.61381245588e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Adipose-Subcutaneous	2.28866958376e-08
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Artery-Aorta	1.1604680458e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Artery-Tibial	7.62404655532e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Cells-Transformed-fibroblasts	4.88531471913e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Esophagus-Mucosa	1.41971075144e-16
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Lung	2.60370308594e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Nerve-Tibial	9.24482319333e-06
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Ovary	2.39257187744e-05
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Skin-Not-Sun-Exposed-Suprapubic	3.11218769563e-07
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Skin-Sun-Exposed-Lower-leg	8.66082412293e-14
rs10501320	ENSG00000165912	<i>PACSIN3</i>	Spleen	4.42663115843e-24

rs10501320	ENSG00000165916	<i>PSMC3</i>	Prostate	2.03094319084e-05
rs10501320	ENSG00000165916	<i>PSMC3</i>	Skin-Not-Sun-Exposed-Suprapubic	2.37308417946e-06
rs10501320	ENSG00000165916	<i>PSMC3</i>	Skin-Sun-Exposed-Lower-leg	7.04354880272e-05
rs10501320	ENSG00000165917	<i>RAPSN</i>	Skin-Sun-Exposed-Lower-leg	1.10308263023e-05
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Adipose-Subcutaneous	4.33882899494e-18
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Artery-Aorta	2.48213996867e-06
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Artery-Tibial	5.87064915435e-07
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Breast-Mammary-Tissue	3.75016221147e-06
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Cells-Transformed-fibroblasts	2.56325964789e-09
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Esophagus-Mucosa	2.49274783481e-06
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Liver	2.1273359988e-06
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Lung	3.49787806374e-14
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Muscle-Skeletal	8.54914979219e-10
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Nerve-Tibial	6.28029313008e-15
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Skin-Not-Sun-Exposed-Suprapubic	4.37740702424e-08
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Skin-Sun-Exposed-Lower-leg	3.28530648014e-20
rs10501320	ENSG00000172247	<i>C1QTNF4</i>	Spleen	5.88313478203e-10
rs10501320	ENSG00000175213	<i>ZNF408</i>	Prostate	0.000131597414623
rs10501320	ENSG00000175216	<i>CKAP5</i>	Esophagus-Mucosa	2.67017759846e-05
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Adipose-Subcutaneous	2.70869806044e-05
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Esophagus-Mucosa	9.82992146555e-05
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Muscle-Skeletal	4.12167429416e-06
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Nerve-Tibial	2.56649373374e-07
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Pancreas	2.00284121539e-05
rs10501320	ENSG00000175220	<i>ARHGAP1</i>	Skin-Sun-Exposed-Lower-leg	1.21286296661e-06
rs10501320	ENSG00000180210	<i>F2</i>	Esophagus-Gastroesophageal-Junction	2.61053625474e-05
rs10501320	ENSG00000247675	<i>LRP4-AS1</i>	Nerve-Tibial	3.43522823913e-23
rs10501320	ENSG00000247675	<i>LRP4-AS1</i>	Pancreas	1.183642192e-09
rs10501320	ENSG00000255520	<i>RP11-390K5.3</i>	Testis	1.77294876648e-05
rs10501320	ENSG00000271350	<i>CTD-2384B9.1</i>	Nerve-Tibial	1.46490579413e-16
rs10501320	ENSG00000271350	<i>CTD-2384B9.1</i>	Testis	1.85993958717e-42
rs10501320	ENSG00000271557	<i>YPEL5P2</i>	Nerve-Tibial	7.51699584443e-05
rs10838687	ENSG00000025434	<i>NR1H3</i>	Brain-Hypothalamus	1.22697126085e-07
rs10838687	ENSG00000025434	<i>NR1H3</i>	Brain-Nucleus-accumbens-basal-ganglia	0.000131733330946
rs10838687	ENSG00000025434	<i>NR1H3</i>	Nerve-Tibial	7.20595223102e-05
rs10838687	ENSG00000025434	<i>NR1H3</i>	Testis	2.37790021124e-07

rs10838687	ENSG00000030066	<i>NUP160</i>	Spleen	0.000116421914784
rs10838687	ENSG00000109919	<i>MTCH2</i>	Brain-Nucleus-accumbens-basal-ganglia	0.000120225415365
rs10838687	ENSG00000109919	<i>MTCH2</i>	Esophagus-Muscularis	4.1460701516e-05
rs10838687	ENSG00000109919	<i>MTCH2</i>	Testis	1.99678238221e-05
rs10838687	ENSG00000109920	<i>FNBP4</i>	Muscle-Skeletal	8.89603654962e-07
rs10838687	ENSG00000110492	<i>MDK</i>	Artery-Tibial	9.73202258852e-06
rs10838687	ENSG00000110514	<i>MADD</i>	Adipose-Subcutaneous	7.59998823807e-05
rs10838687	ENSG00000110514	<i>MADD</i>	Artery-Tibial	8.90121801072e-08
rs10838687	ENSG00000110514	<i>MADD</i>	Colon-Transverse	6.3042408978e-06
rs10838687	ENSG00000110514	<i>MADD</i>	Esophagus-Muscularis	1.15946798711e-10
rs10838687	ENSG00000110514	<i>MADD</i>	Heart-Left-Ventricle	2.457378901e-05
rs10838687	ENSG00000110514	<i>MADD</i>	Muscle-Skeletal	7.85528914203e-05
rs10838687	ENSG00000110514	<i>MADD</i>	Nerve-Tibial	3.26145755213e-05
rs10838687	ENSG00000110514	<i>MADD</i>	Pancreas	4.17482675702e-07
rs10838687	ENSG00000110514	<i>MADD</i>	Pituitary	1.72076652188e-11
rs10838687	ENSG00000110514	<i>MADD</i>	Testis	2.16618984585e-07
rs10838687	ENSG00000110514	<i>MADD</i>	Vagina	0.000122105725593
rs10838687	ENSG00000110514	<i>MADD</i>	Whole-Blood	2.16060782194e-05
rs10838687	ENSG00000123444	<i>KBTBD4</i>	Esophagus-Gastroesophageal-Junction	4.87252662217e-05
rs10838687	ENSG00000134569	<i>LRP4</i>	Nerve-Tibial	5.19553518572e-14
rs10838687	ENSG00000134569	<i>LRP4</i>	Pancreas	4.37416789409e-09
rs10838687	ENSG00000134571	<i>MYBPC3</i>	Nerve-Tibial	4.79897016865e-05
rs10838687	ENSG00000134571	<i>MYBPC3</i>	Whole-Blood	5.91404606882e-08
rs10838687	ENSG00000134574	<i>DDB2</i>	Muscle-Skeletal	9.04121978266e-05
rs10838687	ENSG00000134575	<i>ACP2</i>	Adipose-Subcutaneous	7.68755973373e-06
rs10838687	ENSG00000134575	<i>ACP2</i>	Adipose-Visceral-Omentum	8.70060974368e-06
rs10838687	ENSG00000134575	<i>ACP2</i>	Heart-Left-Ventricle	1.56687990124e-09
rs10838687	ENSG00000134575	<i>ACP2</i>	Muscle-Skeletal	0.00013144342915
rs10838687	ENSG00000134575	<i>ACP2</i>	Nerve-Tibial	2.61766719937e-06
rs10838687	ENSG00000134575	<i>ACP2</i>	Skin-Not-Sun-Exposed-Suprapubic	2.55612655967e-06
rs10838687	ENSG00000134575	<i>ACP2</i>	Spleen	1.33254214111e-05
rs10838687	ENSG00000134575	<i>ACP2</i>	Vagina	4.65323577258e-05
rs10838687	ENSG00000134575	<i>ACP2</i>	Whole-Blood	1.43425178272e-20
rs10838687	ENSG00000149179	<i>C11orf49</i>	Artery-Coronary	5.67565971147e-05
rs10838687	ENSG00000149179	<i>C11orf49</i>	Nerve-Tibial	0.00012048675964
rs10838687	ENSG00000149179	<i>C11orf49</i>	Testis	8.65627246025e-08

rs10838687	ENSG00000149182	<i>ARFGAP2</i>	Artery-Tibial	6.29133475824e-05
rs10838687	ENSG00000149187	<i>CELF1</i>	Prostate	1.61381245588e-05
rs10838687	ENSG00000165912	<i>PAC SIN3</i>	Skin-Not-Sun-Exposed-Suprapubic	3.11218769563e-07
rs10838687	ENSG00000165912	<i>PAC SIN3</i>	Spleen	6.6725849258e-07
rs10838687	ENSG00000165915	<i>SLC39A13</i>	Esophagus-Muscularis	1.45413413333e-05
rs10838687	ENSG00000165916	<i>PSMC3</i>	Adipose-Subcutaneous	2.34072925216e-05
rs10838687	ENSG00000165916	<i>PSMC3</i>	Prostate	7.24634191817e-06
rs10838687	ENSG00000165916	<i>PSMC3</i>	Skin-Not-Sun-Exposed-Suprapubic	2.37308417946e-06
rs10838687	ENSG00000165916	<i>PSMC3</i>	Uterus	7.16490580163e-05
rs10838687	ENSG00000165917	<i>RAPSN</i>	Nerve-Tibial	8.62453385564e-05
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Adipose-Subcutaneous	4.17124363169e-18
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Artery-Tibial	5.87064915435e-07
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Breast-Mammary-Tissue	2.92708043449e-06
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Colon-Transverse	8.43183897696e-07
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Esophagus-Muscularis	8.79210389775e-07
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Muscle-Skeletal	8.54914979219e-10
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Nerve-Tibial	6.28029313008e-15
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Skin-Not-Sun-Exposed-Suprapubic	2.70064757209e-08
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Spleen	5.88313478203e-10
rs10838687	ENSG00000172247	<i>C1QTNF4</i>	Whole-Blood	1.62499001406e-07
rs10838687	ENSG00000175220	<i>ARHGAP1</i>	Esophagus-Muscularis	4.79345806147e-05
rs10838687	ENSG00000175220	<i>ARHGAP1</i>	Nerve-Tibial	6.82296083501e-06
rs10838687	ENSG00000175220	<i>ARHGAP1</i>	Pancreas	3.72698860395e-05
rs10838687	ENSG00000180210	<i>F2</i>	Esophagus-Gastroesophageal-Junction	2.61053625474e-05
rs10838687	ENSG00000247675	<i>LRP4-AS1</i>	Nerve-Tibial	6.77398621043e-14
rs10838687	ENSG00000247675	<i>LRP4-AS1</i>	Pancreas	2.16806739278e-06
rs10838687	ENSG00000271350	<i>CTD-2384B9.1</i>	Nerve-Tibial	6.34706050202e-06
rs10838687	ENSG00000271350	<i>CTD-2384B9.1</i>	Testis	1.05240516036e-07
rs10838687	ENSG00000271557	<i>YPEL5P2</i>	Nerve-Tibial	7.51699584443e-05
rs11558471	ENSG00000147677	<i>EIF3H</i>	Spleen	3.9259893852e-05
rs11558471	ENSG00000164756	<i>SLC30A8</i>	Testis	2.05616636527e-05
rs11558471	ENSG00000205002	<i>AARD</i>	Uterus	2.36883921342e-05
rs11603334	ENSG00000110195	<i>FOLR1</i>	Testis	7.40531340652e-05
rs11603334	ENSG00000137522	<i>RNF121</i>	Adipose-Subcutaneous	0.00012619795151
rs11603334	ENSG00000168010	<i>ATG16L2</i>	Cells-Transformed-fibroblasts	0.000103804026962
rs11603334	ENSG00000168010	<i>ATG16L2</i>	Pituitary	9.57220796957e-09

rs11603334	ENSG00000186635	<i>ARAP1</i>	Brain-Hippocampus	2.1792203294e-07
rs11603334	ENSG00000186635	<i>ARAP1</i>	Esophagus-Mucosa	2.05283456439e-31
rs11603334	ENSG00000186635	<i>ARAP1</i>	Heart-Left-Ventricle	9.45571405972e-05
rs11603334	ENSG00000186635	<i>ARAP1</i>	Pituitary	3.85918791654e-05
rs11603334	ENSG00000186635	<i>ARAP1</i>	Skin-Not-Sun-Exposed-Suprapubic	4.26194524109e-15
rs11603334	ENSG00000186635	<i>ARAP1</i>	Skin-Sun-Exposed-Lower-leg	8.6753935429e-13
rs11603334	ENSG00000186635	<i>ARAP1</i>	Vagina	2.13540139623e-06
rs11603334	ENSG00000186642	<i>PDE2A</i>	Pituitary	1.53022140653e-05
rs11603334	ENSG00000214530	<i>STARD10</i>	Adipose-Subcutaneous	1.40157404858e-22
rs11603334	ENSG00000214530	<i>STARD10</i>	Adipose-Visceral-Omentum	4.20018498505e-13
rs11603334	ENSG00000214530	<i>STARD10</i>	Adrenal-Gland	1.68839708937e-05
rs11603334	ENSG00000214530	<i>STARD10</i>	Artery-Coronary	3.46434620703e-07
rs11603334	ENSG00000214530	<i>STARD10</i>	Artery-Tibial	1.80491817243e-19
rs11603334	ENSG00000214530	<i>STARD10</i>	Brain-Hippocampus	6.91423944576e-13
rs11603334	ENSG00000214530	<i>STARD10</i>	Brain-Hypothalamus	2.97445826171e-06
rs11603334	ENSG00000214530	<i>STARD10</i>	Brain-Nucleus-accumbens-basal-ganglia	9.42264951173e-18
rs11603334	ENSG00000214530	<i>STARD10</i>	Brain-Putamen-basal-ganglia	2.11944255236e-10
rs11603334	ENSG00000214530	<i>STARD10</i>	Cells-Transformed-fibroblasts	1.10784037248e-22
rs11603334	ENSG00000214530	<i>STARD10</i>	Colon-Sigmoid	9.66834209833e-05
rs11603334	ENSG00000214530	<i>STARD10</i>	Esophagus-Gastroesophageal-Junction	6.01227455154e-09
rs11603334	ENSG00000214530	<i>STARD10</i>	Esophagus-Mucosa	9.98256950799e-08
rs11603334	ENSG00000214530	<i>STARD10</i>	Esophagus-Muscularis	3.63061000798e-21
rs11603334	ENSG00000214530	<i>STARD10</i>	Heart-Atrial-Appendage	3.43706247956e-14
rs11603334	ENSG00000214530	<i>STARD10</i>	Heart-Left-Ventricle	3.56243223152e-14
rs11603334	ENSG00000214530	<i>STARD10</i>	Muscle-Skeletal	3.15486063502e-11
rs11603334	ENSG00000214530	<i>STARD10</i>	Nerve-Tibial	8.025380066e-10
rs11603334	ENSG00000214530	<i>STARD10</i>	Skin-Not-Sun-Exposed-Suprapubic	1.09794276756e-06
rs11603334	ENSG00000214530	<i>STARD10</i>	Skin-Sun-Exposed-Lower-leg	1.77982862685e-12
rs11603334	ENSG00000214530	<i>STARD10</i>	Spleen	6.24534239376e-06
rs11603334	ENSG00000214530	<i>STARD10</i>	Testis	5.77727923768e-53
rs11603334	ENSG00000214530	<i>STARD10</i>	Thyroid	1.68190571501e-21
rs11603334	ENSG00000214530	<i>STARD10</i>	Whole-Blood	5.23070685799e-28
rs11603334	ENSG00000244134	<i>RPS12P20</i>	Testis	3.07943415048e-05
rs11603334	ENSG00000245148	<i>ARAP1-AS2</i>	Esophagus-Mucosa	3.35542315417e-09
rs11603334	ENSG00000245148	<i>ARAP1-AS2</i>	Esophagus-Muscularis	0.000132342130158
rs11603334	ENSG00000245148	<i>ARAP1-AS2</i>	Skin-Not-Sun-Exposed-Suprapubic	5.27971956062e-06

rs11603334	ENSG00000245148	<i>ARAP1-AS2</i>	Skin-Sun-Exposed-Lower-leg	9.86566634234e-07
rs11603334	ENSG00000256007	<i>ARAP1-AS1</i>	Esophagus-Mucosa	4.24608058891e-16
rs11603334	ENSG00000256007	<i>ARAP1-AS1</i>	Skin-Not-Sun-Exposed-Suprapubic	2.9663658165e-10
rs11603334	ENSG00000256007	<i>ARAP1-AS1</i>	Skin-Sun-Exposed-Lower-leg	5.59749377236e-09
rs11603334	ENSG00000256007	<i>ARAP1-AS1</i>	Vagina	1.58350657457e-05
rs11603334	ENSG00000256633	<i>RP11-169D4.2</i>	Pituitary	1.23716646726e-05
rs1549318	ENSG00000137831	<i>UACA</i>	Adipose-Subcutaneous	7.62040217578e-05
rs1549318	ENSG00000137831	<i>UACA</i>	Colon-Transverse	1.50865490222e-07
rs1549318	ENSG00000137831	<i>UACA</i>	Esophagus-Muscularis	4.46725785788e-07
rs1549318	ENSG00000137831	<i>UACA</i>	Heart-Left-Ventricle	5.12002585695e-06
rs1549318	ENSG00000137831	<i>UACA</i>	Muscle-Skeletal	1.47756162906e-07
rs1549318	ENSG00000137831	<i>UACA</i>	Nerve-Tibial	7.28332565726e-07
rs1549318	ENSG00000166173	<i>LARP6</i>	Adipose-Subcutaneous	1.49001251151e-16
rs1549318	ENSG00000166173	<i>LARP6</i>	Adipose-Visceral-Omentum	3.71861526378e-05
rs1549318	ENSG00000166173	<i>LARP6</i>	Breast-Mammary-Tissue	3.01567496809e-10
rs1549318	ENSG00000166173	<i>LARP6</i>	Cells-Transformed-fibroblasts	9.21978432466e-07
rs1549318	ENSG00000235420	<i>RPL29P30</i>	Testis	1.91179363617e-17
rs4502156	ENSG00000129003	<i>VPS13C</i>	Adipose-Subcutaneous	6.1378933828e-05
rs4502156	ENSG00000129003	<i>VPS13C</i>	Adipose-Visceral-Omentum	0.000118069002431
rs4502156	ENSG00000129003	<i>VPS13C</i>	Artery-Tibial	7.16531122802e-05
rs4502156	ENSG00000129003	<i>VPS13C</i>	Breast-Mammary-Tissue	2.35245772991e-06
rs4502156	ENSG00000129003	<i>VPS13C</i>	Colon-Transverse	5.8663572571e-05
rs4502156	ENSG00000129003	<i>VPS13C</i>	Esophagus-Muscularis	9.70368440288e-06
rs4502156	ENSG00000129003	<i>VPS13C</i>	Lung	1.04278737378e-05
rs4502156	ENSG00000129003	<i>VPS13C</i>	Nerve-Tibial	5.62544360144e-13
rs4502156	ENSG00000129003	<i>VPS13C</i>	Skin-Not-Sun-Exposed-Suprapubic	1.49754190539e-06
rs4502156	ENSG00000129003	<i>VPS13C</i>	Spleen	4.11087561761e-06
rs4502156	ENSG00000129003	<i>VPS13C</i>	Whole-Blood	8.48876714464e-14
rs4502156	ENSG00000166104	<i>RP11-299H22.3</i>	Colon-Transverse	8.83954284179e-05
rs4502156	ENSG00000198535	<i>C2CD4A</i>	Brain-Hippocampus	6.59057183308e-05
rs4502156	ENSG00000198535	<i>C2CD4A</i>	Lung	9.4578914753e-13
rs4502156	ENSG00000198535	<i>C2CD4A</i>	Nerve-Tibial	0.000108136855995
rs4502156	ENSG00000259251	<i>LOC101928907</i>	Nerve-Tibial	9.94052704877e-05
rs4502156	ENSG00000259498	<i>RP11-244F12.3</i>	Muscle-Skeletal	8.54339417378e-05
rs4502156	ENSG00000259675	<i>RP11-507B12.1</i>	Vagina	3.22452434691e-05
rs4502156	ENSG00000260062	<i>GOLGA2P11</i>	Pituitary	0.000125427812608



rs4790333	ENSG00000070366	<i>SMG6</i>	Testis	2.01796250091e-06
rs4790333	ENSG00000070444	<i>MNT</i>	Adipose-Subcutaneous	4.53753966934e-08
rs4790333	ENSG00000070444	<i>MNT</i>	Adrenal-Gland	6.77383628198e-05
rs4790333	ENSG00000070444	<i>MNT</i>	Lung	2.08911326634e-08
rs4790333	ENSG00000070444	<i>MNT</i>	Nerve-Tibial	0.000123995238637
rs4790333	ENSG00000070444	<i>MNT</i>	Skin-Not-Sun-Exposed-Suprapubic	6.9348827878e-06
rs4790333	ENSG00000070444	<i>MNT</i>	Skin-Sun-Exposed-Lower-leg	1.41251332152e-10
rs4790333	ENSG00000070444	<i>MNT</i>	Testis	1.82199043457e-05
rs4790333	ENSG00000070444	<i>MNT</i>	Thyroid	2.8092498687e-05
rs4790333	ENSG00000070444	<i>MNT</i>	Whole-Blood	6.69149421706e-10
rs4790333	ENSG00000074660	<i>SCARF1</i>	Breast-Mammary-Tissue	5.81999912602e-05
rs4790333	ENSG00000108958	<i>AC016292.3</i>	Artery-Tibial	0.000120131601801
rs4790333	ENSG00000127804	<i>METTL16</i>	Muscle-Skeletal	3.64473881672e-11
rs4790333	ENSG00000132359	<i>RAP1GAP2</i>	Uterus	1.74458994676e-05
rs4790333	ENSG00000132376	<i>INPP5K</i>	Brain-Hypothalamus	0.000105311720954
rs4790333	ENSG00000132376	<i>INPP5K</i>	Brain-Putamen-basal-ganglia	9.25511693927e-05
rs4790333	ENSG00000132386	<i>SERPINF1</i>	Brain-Nucleus-accumbens-basal-ganglia	6.2230988248e-05
rs4790333	ENSG00000141258	<i>SGSM2</i>	Adipose-Subcutaneous	1.87167531203e-10
rs4790333	ENSG00000141258	<i>SGSM2</i>	Artery-Tibial	6.76272799246e-07
rs4790333	ENSG00000141258	<i>SGSM2</i>	Breast-Mammary-Tissue	0.000100471127705
rs4790333	ENSG00000141258	<i>SGSM2</i>	Esophagus-Mucosa	7.88667220572e-47
rs4790333	ENSG00000141258	<i>SGSM2</i>	Nerve-Tibial	2.57641700445e-11
rs4790333	ENSG00000141258	<i>SGSM2</i>	Pancreas	5.51821315507e-05
rs4790333	ENSG00000141258	<i>SGSM2</i>	Skin-Not-Sun-Exposed-Suprapubic	5.70294488579e-47
rs4790333	ENSG00000141258	<i>SGSM2</i>	Skin-Sun-Exposed-Lower-leg	5.39552112912e-75
rs4790333	ENSG00000141258	<i>SGSM2</i>	Thyroid	1.03236535251e-12
rs4790333	ENSG00000167720	<i>SRR</i>	Adipose-Subcutaneous	2.62770624435e-24
rs4790333	ENSG00000167720	<i>SRR</i>	Adipose-Visceral-Omentum	3.66599465005e-16
rs4790333	ENSG00000167720	<i>SRR</i>	Adrenal-Gland	2.18813555214e-21
rs4790333	ENSG00000167720	<i>SRR</i>	Artery-Aorta	1.5666233516e-27
rs4790333	ENSG00000167720	<i>SRR</i>	Artery-Tibial	3.51909532525e-27
rs4790333	ENSG00000167720	<i>SRR</i>	Brain-Hippocampus	1.96767876321e-06
rs4790333	ENSG00000167720	<i>SRR</i>	Breast-Mammary-Tissue	5.98991547683e-23
rs4790333	ENSG00000167720	<i>SRR</i>	Cells-Transformed-fibroblasts	1.96530464307e-58
rs4790333	ENSG00000167720	<i>SRR</i>	Colon-Sigmoid	4.711288685e-19
rs4790333	ENSG00000167720	<i>SRR</i>	Colon-Transverse	8.86943187099e-14

rs4790333	ENSG00000167720	<i>SRR</i>	Esophagus-Gastroesophageal-Junction	6.39417074123e-20
rs4790333	ENSG00000167720	<i>SRR</i>	Esophagus-Mucosa	2.03191201428e-26
rs4790333	ENSG00000167720	<i>SRR</i>	Esophagus-Muscularis	4.63974738477e-35
rs4790333	ENSG00000167720	<i>SRR</i>	Heart-Atrial-Appendage	6.82859211342e-22
rs4790333	ENSG00000167720	<i>SRR</i>	Lung	2.00383443438e-27
rs4790333	ENSG00000167720	<i>SRR</i>	Muscle-Skeletal	1.1655201508e-40
rs4790333	ENSG00000167720	<i>SRR</i>	Nerve-Tibial	2.01827714245e-13
rs4790333	ENSG00000167720	<i>SRR</i>	Pancreas	4.61920620534e-11
rs4790333	ENSG00000167720	<i>SRR</i>	Prostate	1.0414967858e-05
rs4790333	ENSG00000167720	<i>SRR</i>	Skin-Not-Sun-Exposed-Suprapubic	1.55125329116e-08
rs4790333	ENSG00000167720	<i>SRR</i>	Skin-Sun-Exposed-Lower-leg	5.80578214063e-15
rs4790333	ENSG00000167720	<i>SRR</i>	Small-Intestine-Terminal-Ileum	3.88146136704e-06
rs4790333	ENSG00000167720	<i>SRR</i>	Spleen	5.78311512656e-06
rs4790333	ENSG00000167720	<i>SRR</i>	Stomach	9.93468115975e-28
rs4790333	ENSG00000167720	<i>SRR</i>	Testis	5.68574604246e-10
rs4790333	ENSG00000167720	<i>SRR</i>	Thyroid	3.04088943829e-29
rs4790333	ENSG00000167720	<i>SRR</i>	Uterus	2.31653846137e-05
rs4790333	ENSG00000167720	<i>SRR</i>	Vagina	0.000128293539354
rs4790333	ENSG00000167720	<i>SRR</i>	Whole-Blood	2.63403824064e-12
rs4790333	ENSG00000167721	<i>TSR1</i>	Esophagus-Mucosa	3.19159108277e-07
rs4790333	ENSG00000167721	<i>TSR1</i>	Skin-Not-Sun-Exposed-Suprapubic	1.78661783865e-06
rs4790333	ENSG00000167721	<i>TSR1</i>	Skin-Sun-Exposed-Lower-leg	2.90773079263e-12
rs4790333	ENSG00000185924	<i>RTN4RL1</i>	Prostate	4.33826055896e-05
rs4790333	ENSG00000197879	<i>MYO1C</i>	Pituitary	4.94222032517e-05
rs4790333	ENSG00000236838	<i>AC090617.1</i>	Testis	4.05530839887e-11
rs4790333	ENSG00000239884	<i>RN7SL608P</i>	Adrenal-Gland	1.25431983335e-05
rs4790333	ENSG00000262333	<i>HNRNPA1P16</i>	Pancreas	4.41628579011e-05
rs4790333	ENSG00000262456	<i>RP1-59D14.1</i>	Adipose-Subcutaneous	1.9273076244e-05
rs4790333	ENSG00000262456	<i>RP1-59D14.1</i>	Lung	1.62943932639e-05
rs4790333	ENSG00000262456	<i>RP1-59D14.1</i>	Skin-Not-Sun-Exposed-Suprapubic	3.79534080211e-05
rs4790333	ENSG00000262456	<i>RP1-59D14.1</i>	Skin-Sun-Exposed-Lower-leg	3.03752617814e-09
rs4790333	ENSG00000262456	<i>RP1-59D14.1</i>	Whole-Blood	5.09383256186e-08
rs4790333	ENSG00000262533	<i>RP11-667K14.4</i>	Esophagus-Muscularis	3.34437203641e-07
rs4790333	ENSG00000262533	<i>RP11-667K14.4</i>	Thyroid	6.46727494394e-05
rs4790333	ENSG00000262884	<i>LOC101927911</i>	Adrenal-Gland	2.38261550886e-05
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Adipose-Subcutaneous	1.5906942067e-08

rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Adipose-Visceral-Omentum	1.20925708546e-05
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Artery-Aorta	2.64778354704e-06
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Artery-Tibial	8.30712895499e-11
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Breast-Mammary-Tissue	3.8474954638e-06
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Cells-Transformed-fibroblasts	0.000103815497139
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Colon-Sigmoid	1.0110430983e-07
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Colon-Transverse	6.59603168599e-07
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Esophagus-Gastroesophageal-Junction	1.17031329814e-05
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Esophagus-Mucosa	4.69921628394e-17
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Esophagus-Muscularis	2.28617562809e-08
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Lung	1.14149548548e-08
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Muscle-Skeletal	8.41241468254e-05
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Nerve-Tibial	2.09575325565e-09
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Pancreas	1.91973455846e-07
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Skin-Not-Sun-Exposed-Suprapubic	6.38363784966e-20
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Skin-Sun-Exposed-Lower-leg	2.24221376177e-41
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Small-Intestine-Terminal-Ileum	4.41741438412e-05
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Stomach	2.88769867873e-06
rs4790333	ENSG00000263345	<i>RP1-59D14.5</i>	Thyroid	5.00865925951e-17
rs4790333	ENSG00000272911	<i>RP11-74E22.6</i>	Thyroid	2.08968750769e-05
rs6235	ENSG00000164292	<i>RHOBTB3</i>	Muscle-Skeletal	7.32402521053e-07
rs6235	ENSG00000164308	<i>ERAP2</i>	Lung	6.94383289294e-06
rs6235	ENSG00000164308	<i>ERAP2</i>	Muscle-Skeletal	7.08184188823e-06
rs6235	ENSG00000175426	<i>PCSK1</i>	Adipose-Subcutaneous	1.86595194529e-05
rs6235	ENSG00000175426	<i>PCSK1</i>	Adipose-Visceral-Omentum	2.25873475953e-05
rs6235	ENSG00000175426	<i>PCSK1</i>	Artery-Aorta	7.48841603785e-05
rs6235	ENSG00000175426	<i>PCSK1</i>	Artery-Tibial	7.7780236049e-09
rs6235	ENSG00000175426	<i>PCSK1</i>	Muscle-Skeletal	1.99497206617e-05
rs6235	ENSG00000175426	<i>PCSK1</i>	Nerve-Tibial	2.47059964991e-05
rs6235	ENSG00000249746	<i>RP11-254I22.3</i>	Liver	1.15708047575e-05
rs6235	ENSG00000251000	<i>AC008592.3</i>	Small-Intestine-Terminal-Ileum	5.59609886091e-05
rs7903146	ENSG00000119927	<i>GPAM</i>	Uterus	0.000105881315055
rs7903146	ENSG00000148737	<i>TCF7L2</i>	Artery-Aorta	2.41309804086e-08
rs7903146	ENSG00000148737	<i>TCF7L2</i>	Cells-Transformed-fibroblasts	4.9364884775e-05
rs7903146	ENSG00000151532	<i>VTI1A</i>	Nerve-Tibial	0.000126683454415
rs7903146	ENSG00000165806	<i>CASP7</i>	Pancreas	0.000106676244722

rs7903146	ENSG00000165806	<i>CASP7</i>	Uterus	1.928007398e-05
rs7903146	ENSG00000197142	<i>ACSL5</i>	Muscle-Skeletal	8.30564397475e-05
rs7903146	ENSG00000197893	<i>NRAP</i>	Pancreas	5.87163857808e-05
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Adipose-Subcutaneous	8.01903050249e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Adipose-Visceral-Omentum	0.000116670281781
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Artery-Coronary	7.52881713657e-05
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Artery-Tibial	8.49093176404e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Breast-Mammary-Tissue	1.57494777667e-07
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Cells-Transformed-fibroblasts	2.20760403394e-05
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Colon-Sigmoid	1.70252542602e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Colon-Transverse	1.4331889962e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Esophagus-Gastroesophageal-Junction	3.46354862923e-08
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Esophagus-Mucosa	2.87613838631e-07
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Esophagus-Muscularis	1.21308084669e-14
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Lung	4.8139851224e-13
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Muscle-Skeletal	3.3063719769e-09
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Nerve-Tibial	7.92423442978e-33
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Ovary	6.58528159444e-07
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Pituitary	4.84808780686e-10
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Prostate	3.55202963832e-10
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Skin-Not-Sun-Exposed-Suprapubic	3.2118971947e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Skin-Sun-Exposed-Lower-leg	8.31064590167e-07
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Testis	1.00946591504e-05
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Thyroid	4.80328361344e-11
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Uterus	2.18871343943e-05
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Vagina	7.31216360291e-06
rs7903146	ENSG00000233547	<i>RP11-57H14.2</i>	Whole-Blood	3.19447612908e-10
rs9727115	ENSG00000117598	<i>PLPPR5</i>	Testis	1.37817618778e-05
rs9727115	ENSG00000117600	<i>PLPPR4</i>	Cells-Transformed-fibroblasts	2.47272652341e-05
rs9727115	ENSG00000162627	<i>SNX7</i>	Adipose-Subcutaneous	3.10423023004e-06
rs9727115	ENSG00000162627	<i>SNX7</i>	Adipose-Visceral-Omentum	0.000119457641076
rs9727115	ENSG00000162627	<i>SNX7</i>	Artery-Aorta	3.27419942829e-14
rs9727115	ENSG00000162627	<i>SNX7</i>	Artery-Tibial	2.8535505536e-06
rs9727115	ENSG00000162627	<i>SNX7</i>	Cells-Transformed-fibroblasts	5.90947269828e-11
rs9727115	ENSG00000162627	<i>SNX7</i>	Esophagus-Muscularis	9.66559107291e-06
rs9727115	ENSG00000162627	<i>SNX7</i>	Heart-Left-Ventricle	3.72055920472e-05

rs9727115	ENSG00000162627	<i>SNX7</i>	Lung	3.60279212263e-10
rs9727115	ENSG00000162627	<i>SNX7</i>	Nerve-Tibial	7.07821490358e-10
rs9727115	ENSG00000162627	<i>SNX7</i>	Skin-Not-Sun-Exposed-Suprapubic	4.63114014753e-07
rs9727115	ENSG00000162627	<i>SNX7</i>	Skin-Sun-Exposed-Lower-leg	2.9230712805e-07
rs9727115	ENSG00000162627	<i>SNX7</i>	Spleen	7.04657413939e-16
rs9727115	ENSG00000162627	<i>SNX7</i>	Thyroid	1.1784762688e-08
rs9727115	ENSG00000162627	<i>SNX7</i>	Whole-Blood	1.35173975707e-15