

tissue_specific Top pathways by permulation

Geneset	stat	num.genes	pval	p.adj	gene.vals
bladder	-0.13534444	23	2.480e-02	1.418e-01	UGT1A6:625 SLC14A1:796 UPK1A:1996 ACER2:2283 ID1:3095 DHRS2:3160
ectocervix	-0.12891639	24	2.898e-02	1.423e-01	LRFN5:814 RIPOR3:862 MMRN1:1023 KRT34:1216 TRHDE:1226 PAPP2:1583
substantia.nigra	-0.10772634	11	2.162e-01	4.704e-01	SLC6A3:680 DBX2:3240 TH:3510 C10orf105:4764 SLC6A11:5281 KCNE5:6143
left.ventricle	0.10636034	64	3.352e-03	2.586e-02	SCN5A:49 ASB15:53 TCAP:145 LMOD3:204 NRAP:231 MYLK3:325
greater.omentum	-0.10408703	31	4.519e-02	1.958e-01	TCF15:19 BTNL9:36 LPL:67 IL6:430 ADIPOQ:770 GFPT2:813
thyroid	-0.09365461	148	9.478e-05	1.279e-03	CLCNKA:51 GPAT3:143 IDO2:165 GGT2:248 VEGFA:446 INPP5J:501
putamen	-0.08925691	14	2.478e-01	4.821e-01	SYNDIG1L:915 ANO3:1003 KCNH4:3261 FAM237A:4721 SLC18A3:4795 GPR88:5681
testis	0.07674690	1352	2.050e-18	1.107e-16	CEP19:2 FNDC11:8 FBXO24:23 OPLAH:32 TPPP2:33 DNAI2:36
eye.development	-0.07339557	56	5.813e-02	2.089e-01	SOX8:277 SP1:558 TYR:626 WNT5A:689 MSX1:1679 NOTCH1:1701
esophagus.muscularis.mucosa	0.07127844	26	2.089e-01	4.704e-01	KCNMB1:703 NTN1:952 CHRM3:1023 PRUNE2:1053 SYNM:1155 FAM83D:1376
atrium.auricle	0.06922450	87	2.627e-02	1.418e-01	CHRNE:42 SCN5A:49 ASB15:53 TCAP:145 LMOD3:204 NRAP:231
prostate	0.06812433	37	1.523e-01	3.916e-01	STEAP2:54 ACP3:55 NTF4:159 CHRNA2:167 TULP1:270 LMAN1L:359
skeletal.muscle	0.06522793	230	7.561e-04	6.805e-03	SLC8A3:13 NEXN:45 ASB15:53 TCAP:145 LMOD3:204 NRAP:231
liver	-0.06448218	324	8.711e-05	1.279e-03	TM4SF4:16 ANGPTL8:22 TAT:33 SLC38A3:38 ITIH2:49 RIDA:65
caudate.nucleus	-0.06417602	26	2.579e-01	4.821e-01	PSD2:35 MLC1:299 SYNDIG1L:915 ANO3:1003 RGS14:2064 SLCO1C1:2151
ovary	0.05890821	96	4.713e-02	1.958e-01	RASL11B:10 SGCZ:84 C21orf62:171 SUS4:172 CCDC170:173 ADRB3:200
vagina	0.05828431	90	5.709e-02	2.089e-01	SCEL:211 RNF222:344 KRT13:524 TMPRSS11A:621 MAB21L4:685 LEXM:750
amygdala	0.05736470	7	5.993e-01	7.710e-01	PTPRZ1:836 SLC38A8:997 BCAN:4859 PCDH15:5275 NEUROD6:6827 TNR:12225
EBV.lymphocyte	-0.05642624	646	2.278e-06	6.151e-05	MIS18BP1:29 RHEBL1:60 CENPE:74 BUB1:76 HAUS8:81 WDHD1:88
cerebellar.hemisphere	-0.05186306	451	2.269e-04	2.450e-03	SPRN:13 ARVCF:32 ANK1:119 CA4:132 PISD:157 PCDHGC4:160
sigmoid.colon	0.05158618	47	2.222e-01	4.704e-01	PLA2G2C:436 HLX:513 FOXP2:743 BMP3:962 PDE9A:1066 PLEKHO1:1283
breast	0.05113863	14	5.079e-01	7.413e-01	THRSP:386 ABCB5:1190 ALX4:1388 TNN:1402 HCAR1:2065 KRT5:3827
esophagus.mucosa	0.04663158	218	1.895e-02	1.279e-01	PTK6:122 RHOD:187 SCEL:211 EVPLL:221 THSD4:255 RNF222:344
Brodmann.area.9	-0.04338454	158	6.190e-02	2.089e-01	SERPINI1:468 INSM2:486 RXFP1:710 SYT16:717 FREM3:856 LRRTM4:876
minor.salivary.gland	-0.04224839	69	2.265e-01	4.704e-01	BPIFB1:31 PROM1:269 ENPP3:986 TRPV4:1271 OVOL2:1484 GABRP:1666
cortex.kidney	-0.04033182	108	1.498e-01	3.916e-01	CLCNKB:50 BHMT:153 SLC12A1:221 CASR:265 SLC22A6:660 SLC5A10:822
C1.spinal.cord	-0.03378932	170	1.318e-01	3.747e-01	ADARB2:3 PAQR4:128 SEC14L5:278 ZNF488:511 LRAT:524 SCD:557
transformed.skin.fibroblast	-0.03322162	247	7.581e-02	2.408e-01	ADAM9:47 DNAJB4:52 LRP1:91 PTGER2:137 NRP1:173 LOX:227
leg.skin	0.03294470	213	1.012e-01	3.035e-01	ANKRD35:26 PSORS1C2:44 POF1B:140 SCEL:211 EPHB3:261 RNF222:344
nucleus.accumbens	0.02859555	91	3.480e-01	6.018e-01	PCDH11X:38 CACNG4:85 KIRREL3:209 DACH2:383 POU3F4:459 OPRK1:635
subcutaneous.adipose	-0.02759553	70	4.262e-01	6.770e-01	ADGRL4:462 ACACB:611 ADIPOQ:770 GPAM:1197 AGTR1:1225 PRKAR2B:1375
pancreas	-0.02740500	93	3.633e-01	6.018e-01	PNLIPRP1:120 CASR:265 CPA2:300 TMED6:497 GNMT:868 MATN4:1028
suprapubic.skin	0.02600009	186	2.257e-01	4.704e-01	PSORS1C2:44 SCEL:211 LTB4R:329 RNF222:344 RNF39:396 ANXA8L1:529
Brodmann.area.24	-0.02589219	27	6.419e-01	7.710e-01	SHANK1:70 IDS:1200 SLC25A18:1524 SLC17A7:2039 NPTXR:2422 NTRK2:3675
coronary.artery	-0.02556957	15	7.319e-01	8.591e-01	CCL19:329 CCN3:2232 GJA5:2975 PCOLCE2:3197 MTHFD1L:4075 COL4A1:4914
peyers.patch	0.02381057	164	2.967e-01	5.341e-01	TRPM5:342 HTR4:528 NLRP6:568 BCO1:713 KRT20:755 MUSK:810
stomach	-0.02194986	85	4.861e-01	7.291e-01	EPN3:82 MFSD4A:380 TMED6:497 PIK3C2G:1294 ATP4B:1371 GPRC5C:1372
aorta	0.02146840	150	3.677e-01	6.018e-01	TNFRSF11B:18 PDGFD:25 PCDH11X:38 PPP1R14A:83 S100A4:113 NOX4:156
blood	-0.02034884	267	2.589e-01	4.821e-01	SLC4A1:27 SLA:41 EPB42:42 SLC6A6:53 RHAG:75 PGLYRP1:83
esophagogastric.junction	0.01893773	8	8.529e-01	9.399e-01	CHRM3:1023 ADCY5:3607 BARX1:4017 HOXA4:7114 F2RL2:7639 GADL1:9154