

tissue_specific Top pathways by permulation

Geneset	stat	num.genes	pval	p.adj	gene.vals
bladder	-0.160117878	24	6.677e-03	1.202e-01	UPK2:134 PLA2G2F:217 SLC14A1:306 MSX2:309 SEMA3E:1381 ACER2:2230
vagina	0.112320956	91	2.263e-04	1.222e-02	RNF222:82 EVPL:126 GJB3:257 ENDOU:339 SULT1E1:410 KRT13:492
hippocampus.proper	-0.066351284	11	4.463e-01	8.654e-01	NEUROG3:248 NTS:1086 NEUROD6:4732 GRP:5569 SLC17A7:6436 OLIG2:6778
caudate.nucleus	0.061706366	26	2.766e-01	8.654e-01	GRM3:80 GPR88:95 ANO3:334 RGS14:1114 TAC1:1338 AQP4:1961
left.ventricle	0.061445305	69	7.851e-02	6.056e-01	CKMT2:54 S100A1:123 MYH7B:181 MYL3:321 SMPX:520 ASB10:542
fallopian.tube	-0.059554967	52	1.383e-01	6.789e-01	CFAP157:73 HOXC4:332 HOXA6:415 ADAMTS3:645 EGR1:1591 CRISPLD2:1650
endocervix	0.056094196	72	1.009e-01	6.657e-01	BDKRB1:91 PLPP3:115 NXNL2:209 MSX1:350 TGM2:569 PWP2:947
leg.skin	0.055028346	217	5.693e-03	1.202e-01	ANKRD35:12 POF1B:66 RNF222:82 EVPL:126 GGT6:139 FAM83F:188
breast	0.051782294	15	4.877e-01	8.654e-01	LMX1B:125 THRSP:2823.5 GSC:3105 NPY2R:3277 ABCB5:4003 TFAP2B:6113
suprapubic.skin	0.050664190	194	1.591e-02	1.718e-01	SLC10A6:18.5 RNF222:82 WNT4:90 EVPL:126 GGT6:139 FAM83F:188
coronary.artery	-0.049413688	15	5.078e-01	8.654e-01	HEYL:484 SOST:632 CCDC190:1096 MYO18B:2351 COL4A1:2733 MTHFD1L:3246
skeletal.muscle	0.046787336	239	1.377e-02	1.718e-01	PYGM:42 CKMT2:54 SLC2A4:160 TNNI2:186 MSS51:194.5 USP13:197
pancreas	0.044847150	94	1.346e-01	6.789e-01	CASR:8.5 PRODH2:111 CATSPERB:132.5 GCG:299 PNLIPRP1:337 ONECUT1:392
ectocervix	-0.043309474	25	4.540e-01	8.654e-01	ADRA1D:1000 TSKU:1808 ADRA2A:2027 KCNK6:2692 MATN2:3244 FGF10:3561
nucleus.accumbens	0.037904216	99	1.945e-01	8.654e-01	GPR88:95 KCNIP1:158 PTPN5:184 ANO3:334 PENK:364 GPR6:608.5
esophagus.mucosa	0.037017906	220	6.115e-02	5.504e-01	RNF222:82 BDKRB1:91 CLIC3:92.5 DENND2C:113 EVPL:126 TGM1:131
putamen	0.036991357	15	6.201e-01	9.050e-01	GRM3:80 GPR88:95 ANO3:334 KCNH4:2081.5 RGS9:2717 LRR10B:3136
Brodmann.area.24	0.034009398	31	5.128e-01	8.654e-01	SLC39A12:309 SLC25A18:478 DDN:1413 SLC6A1:2491 SHANK1:2878 UPP2:3217
subcutaneous.adipose	-0.033559582	72	3.264e-01	8.654e-01	PLIN1:728 FZD4:792 PNPLA2:1203 G0S2:1241 ANGPTL4:1301 BMP6:1369
esophagogastric.junction	-0.032693923	8	7.489e-01	9.240e-01	COL4A5:2383 BARX1:5206 NKX6-1:5763 GADL1:7900 ADCY5:8233 HOXA4:9210
aorta	-0.029175763	154	2.148e-01	8.654e-01	LTBP1:125 MYO1D:185 TBXA2R:234 ART4:305 PMEPA1:368 IRAG1:428
eye.development	-0.029146938	67	4.108e-01	8.654e-01	CITED2:389 PROX1:621 FZD4:792 CDH11:879 KLF4:1015 MEIS2:1168
sigmoid.colon	-0.028927434	52	4.716e-01	8.654e-01	SLC5A7:11 BTC:453 VIP:469 HLX:1387 HAND1:1822 HMCN2:1911
greater.omentum	-0.027563112	33	5.842e-01	8.822e-01	UPK3B:519 PLIN1:728 ADAMTS4:1044 HBEGF:1150 SPRY1:2060 ATF3:2573
spleen	-0.027230574	298	1.109e-01	6.657e-01	NOX5:36 CD180:74 BLK:90 BANK1:96 TNFRSF4:204 TAS1R3:235
hypothalamus	0.027214551	66	4.459e-01	8.654e-01	SYTL5:312 DLX2:450 SCN9A:484 ENKUR:556 OXT:910 GABRG3:1163
substantia.nigra	-0.026723172	12	7.487e-01	9.240e-01	FOXB1:130 CHRM5:861 RPE65:3248 SPX:3861 SLC6A3:4464 RET:6738
cerebral.cortex	0.026592321	107	3.443e-01	8.654e-01	CALHM1:40 RIMKLA:83 PACSIN1:138 KCNF1:194.5 EIF4E1B:274 HTR3B:515
C1.spinal.cord	-0.025345457	182	2.423e-01	8.654e-01	GFAP:64 FOXB1:130 HHIP:224 SLC5A11:458 FAM222A:460 COLGALT2:599
esophagus.muscularis.mucosa	0.025039952	26	6.589e-01	9.145e-01	PRUNE2:130 KCNMB1:1064 SYNM:1698 NTN1:3444 FAM83D:3537 F2RL2:4348
ovary	0.023667029	103	4.088e-01	8.654e-01	WIPF3:20 BTNL2:53 KCNT2:403 C21orf62:422 CCDC170:436 TMEM221:727
adrenal.gland	0.020876066	108	4.558e-01	8.654e-01	ABCB1:3 SLC47A1:96 MGST1:262 CYSLTR2:305 KCNN2:612.5 MAP3K15:725
blood	-0.020364754	276	2.505e-01	8.654e-01	CTSW:6 ARHGDI2:23 AQP10:29 NFE2:32 RGS19:33 BLK:90
pituitary.gland	-0.019676417	213	3.272e-01	8.654e-01	NAALAD2:18 RXRG:38 OTOG:211 ZSWIM2:308 CRYBA2:455 VWA7:461
transverse.colon	0.019482835	149	4.150e-01	8.654e-01	B3GNT6:30 EPS8L3:65 ETHE1:155 GCG:299 TMEM54:419 LGALS9C:487
amygdala	0.018819337	9	8.450e-01	9.240e-01	LHFPL3:1480 PCDH15:1496 PTPRZ1:3438 NEUROD2:6882 SLC17A7:9770 TNFR:10465
transformed.skin.fibroblast	-0.014560148	259	4.256e-01	8.654e-01	KDEL3:76 PRKD1:197 SPOCD1:287 SEPTIN11:382 CITED2:389 MXRA5:532
tibial.nerve	-0.013085956	192	5.355e-01	8.763e-01	GFRA3:55.5 SCARA5:172 SLC27A6:261 GLDN:336 IL1RAPL1:443 LGI2:510
prostate	-0.012034885	38	7.977e-01	9.240e-01	NTF4:855 GLIS1:1119 TULP1:1917 SRD5A2:2029 P2RX2:2490 SP8:2704
testis	0.009100238	1381	2.927e-01	8.654e-01	DNAH2:8.5 CFAP45:13 SLAMF9:26 GSG1:37 C11orf53:41 OVOL1:46