

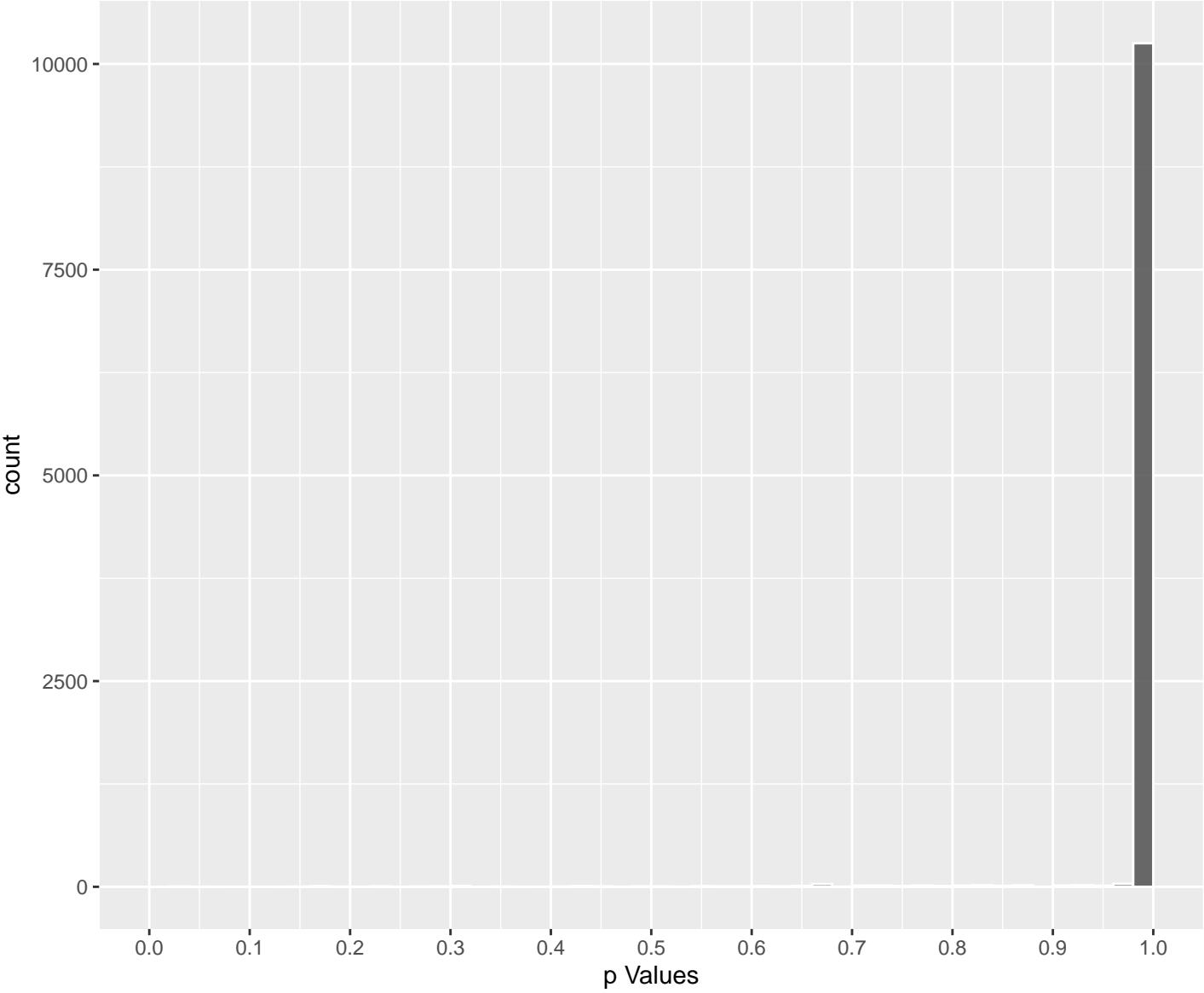
Top genes by P–value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
SAXO1	5.123754	1.797073e−06	3.345e−02	1.000e+00
ANKRD35	4.853376	7.282653e−06	3.346e−02	1.000e+00
CENPBD1	4.838133	7.863884e−06	3.346e−02	1.000e+00
CNPPD1	4.811490	8.988566e−06	3.346e−02	1.000e+00
ICE1	−4.891592	6.001418e−06	3.346e−02	1.000e+00
NDUFB10	4.679069	1.729080e−05	4.597e−02	1.000e+00
SMYD4	4.700580	1.556545e−05	4.597e−02	1.000e+00
MOGAT3	−4.645953	2.031058e−05	4.725e−02	1.000e+00
TMEM126B	4.566169	2.980313e−05	6.163e−02	1.000e+00
CCDC110	4.531561	3.512968e−05	6.538e−02	1.000e+00
TMEM69	4.361388	7.754414e−05	1.312e−01	1.000e+00
CLEC18C	4.261475	1.218492e−04	1.512e−01	1.000e+00
KNL1	4.307967	9.885709e−05	1.512e−01	1.000e+00
LRPPRC	4.275480	1.144353e−04	1.512e−01	1.000e+00
SHROOM2	−4.273560	1.154259e−04	1.512e−01	1.000e+00
CATSPERB	4.147708	2.014926e−04	1.637e−01	1.000e+00
CLPB	4.215160	1.497610e−04	1.637e−01	1.000e+00
CSH1	4.180285	1.746866e−04	1.637e−01	1.000e+00
DENND2B	4.182613	1.729063e−04	1.637e−01	1.000e+00
LONRF2	−4.146042	2.029632e−04	1.637e−01	1.000e+00
MUC20	4.173211	1.802021e−04	1.637e−01	1.000e+00
PCDH11Y	4.133868	2.140254e−04	1.637e−01	1.000e+00
SPAG5	4.152532	1.972898e−04	1.637e−01	1.000e+00
STK11	−4.163500	1.880440e−04	1.637e−01	1.000e+00
TTC12	4.127659	2.198849e−04	1.637e−01	1.000e+00

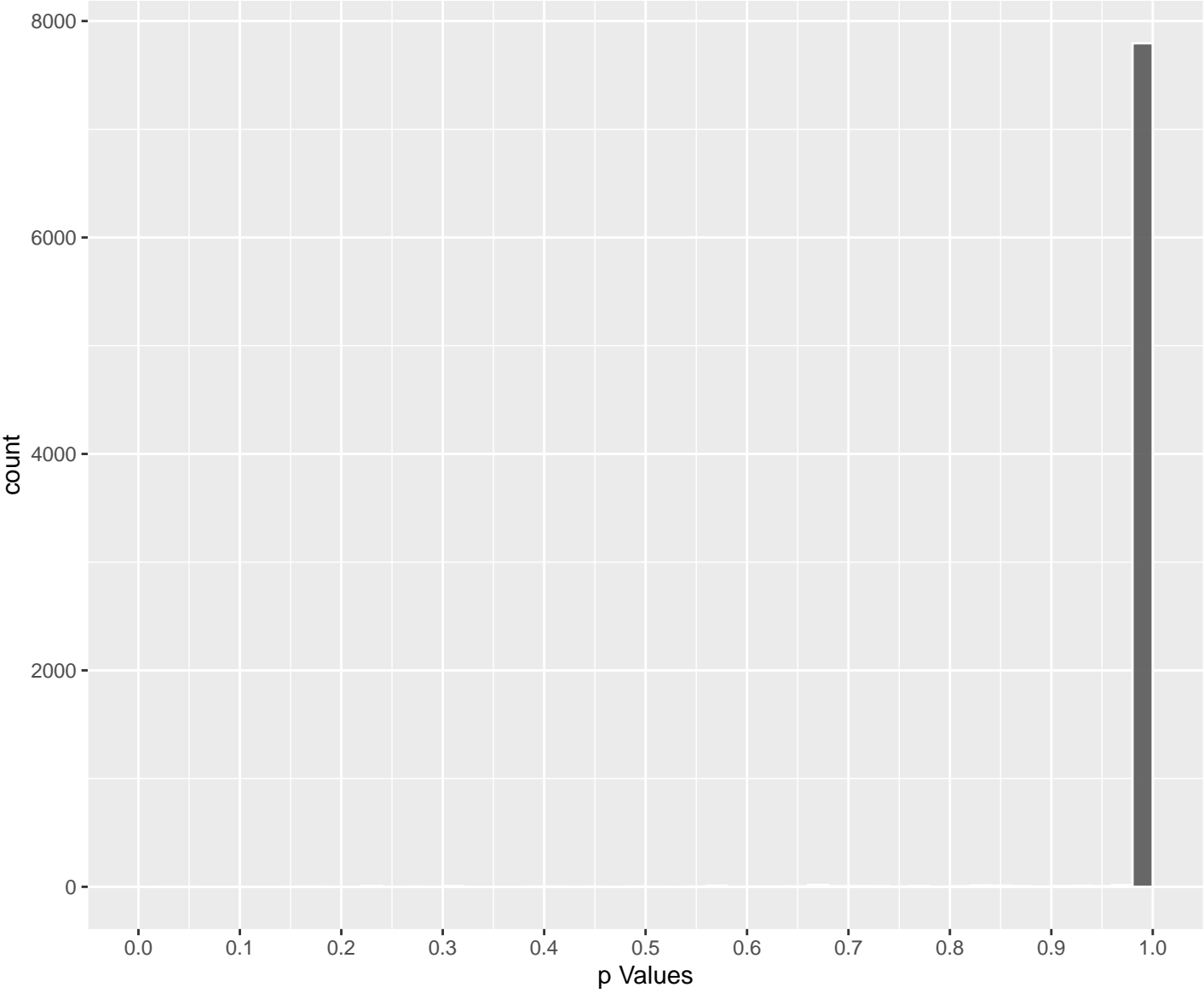
Top genes by Q–Value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
A1BG	1.66006563	0.58140750	1.000e+00	1.000e+00
A1CF	−0.16029400	1.00000000	1.000e+00	1.000e+00
A2M	0.40850402	1.00000000	1.000e+00	1.000e+00
A2ML1	−1.32925381	1.00000000	1.000e+00	1.000e+00
A3GALT2	−0.20806722	1.00000000	1.000e+00	1.000e+00
A4GALT	0.63185834	1.00000000	1.000e+00	1.000e+00
A4GNT	−0.55361081	1.00000000	1.000e+00	1.000e+00
AAAS	1.26291741	1.00000000	1.000e+00	1.000e+00
AACS	−1.26558637	1.00000000	1.000e+00	1.000e+00
AADAC	0.46456477	1.00000000	1.000e+00	1.000e+00
AADACL2	−2.05478641	0.23939784	1.000e+00	1.000e+00
AADACL3	−0.12560362	1.00000000	1.000e+00	1.000e+00
AADACL4	−1.01083796	1.00000000	1.000e+00	1.000e+00
AADAT	−2.56660540	0.06161965	1.000e+00	1.000e+00
AAGAB	−0.40455821	1.00000000	1.000e+00	1.000e+00
AAK1	0.80027172	1.00000000	1.000e+00	1.000e+00
AAMDC	1.92081776	0.32852812	1.000e+00	1.000e+00
AAMP	−0.08179724	1.00000000	1.000e+00	1.000e+00
AANAT	−0.11319322	1.00000000	1.000e+00	1.000e+00
AAR2	1.06915716	1.00000000	1.000e+00	1.000e+00
AARD	−0.30165997	1.00000000	1.000e+00	1.000e+00
AARS1	2.07990570	0.22520510	1.000e+00	1.000e+00
AARS2	1.79353828	0.43732137	1.000e+00	1.000e+00
AARSD1	1.62639531	0.62319352	1.000e+00	1.000e+00
AASDH	1.52942807	0.75695015	1.000e+00	1.000e+00

Positive Rho Non–permulated



Negative Rho Non–permulated



Top Positive genes by P–value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
SAXO1	5.123754	1.797073e−06	3.345e−02	1.000e+00
ANKRD35	4.853376	7.282653e−06	3.346e−02	1.000e+00
CENPBD1	4.838133	7.863884e−06	3.346e−02	1.000e+00
CNPPD1	4.811490	8.988566e−06	3.346e−02	1.000e+00
NDUFB10	4.679069	1.729080e−05	4.597e−02	1.000e+00
SMYD4	4.700580	1.556545e−05	4.597e−02	1.000e+00
TMEM126B	4.566169	2.980313e−05	6.163e−02	1.000e+00
CCDC110	4.531561	3.512968e−05	6.538e−02	1.000e+00
TMEM69	4.361388	7.754414e−05	1.312e−01	1.000e+00
CLEC18C	4.261475	1.218492e−04	1.512e−01	1.000e+00

Top Negative genes by P–value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
ICE1	−4.891592	6.001418e−06	3.346e−02	1.000e+00
MOGAT3	−4.645953	2.031058e−05	4.725e−02	1.000e+00
SHROOM2	−4.273560	1.154259e−04	1.512e−01	1.000e+00
LONRF2	−4.146042	2.029632e−04	1.637e−01	1.000e+00
STK11	−4.163500	1.880440e−04	1.637e−01	1.000e+00
LCMT1	−4.052462	3.040887e−04	1.887e−01	1.000e+00
SNX8	−3.989291	3.976271e−04	2.209e−01	1.000e+00
BPHL	−3.976102	4.203237e−04	2.230e−01	1.000e+00
CAMSAP1	−3.943524	4.817573e−04	2.230e−01	1.000e+00
DENND6B	−3.933089	5.031674e−04	2.230e−01	1.000e+00