

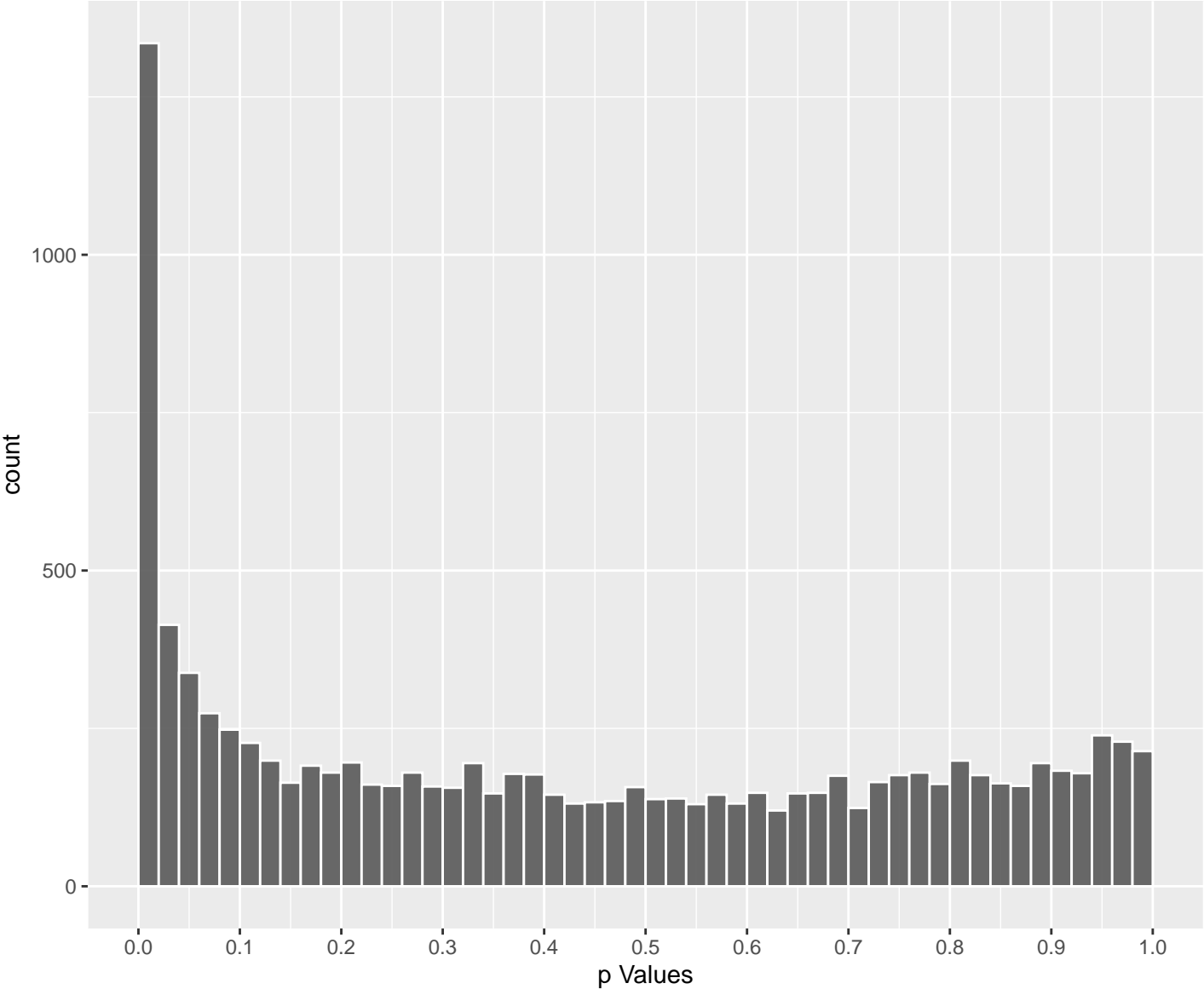
Top genes by P-value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
CCPG1	-8.061186	7.555777e-16	1.417e-11	2.658e-07
MRGPRE	7.612440	2.689700e-14	2.266e-10	1.345e-06
PER2	7.573814	3.624238e-14	2.266e-10	1.345e-06
SHANK2	7.505582	6.115605e-14	2.868e-10	1.345e-06
AFDN	7.246365	4.281049e-13	1.439e-09	4.498e-06
SORL1	7.236534	4.602958e-13	1.439e-09	4.498e-06
USP43	7.180193	6.961293e-13	1.865e-09	4.998e-06
TET1	-7.106627	1.189133e-12	2.712e-09	5.510e-06
TMEM126B	-7.094171	1.301296e-12	2.712e-09	5.510e-06
TET2	-7.068486	1.566336e-12	2.938e-09	5.510e-06
TRANK1	6.898544	5.253838e-12	8.958e-09	1.527e-05
PKP1	6.790265	1.119281e-11	1.645e-08	2.373e-05
SLC17A4	6.787609	1.140073e-11	1.645e-08	2.373e-05
MKI67	6.700218	2.081088e-11	2.724e-08	3.285e-05
UBAP2	-6.693525	2.178578e-11	2.724e-08	3.285e-05
MYH2	6.679935	2.390477e-11	2.802e-08	3.285e-05
FAM13B	-6.617648	3.649594e-11	4.027e-08	4.220e-05
GPR37L1	6.608339	3.886546e-11	4.050e-08	4.220e-05
TRPM5	6.583262	4.602355e-11	4.543e-08	4.308e-05
FAAP100	6.573197	4.924612e-11	4.618e-08	4.308e-05
PLEC	6.559438	5.401105e-11	4.824e-08	4.308e-05
SPATA2L	6.495394	8.281643e-11	7.060e-08	5.835e-05
SMIM26	-6.486677	8.774997e-11	7.156e-08	5.835e-05
ADAMTS20	-6.441540	1.182676e-10	8.873e-08	6.605e-05
SRFBP1	-6.445909	1.149095e-10	8.873e-08	6.605e-05

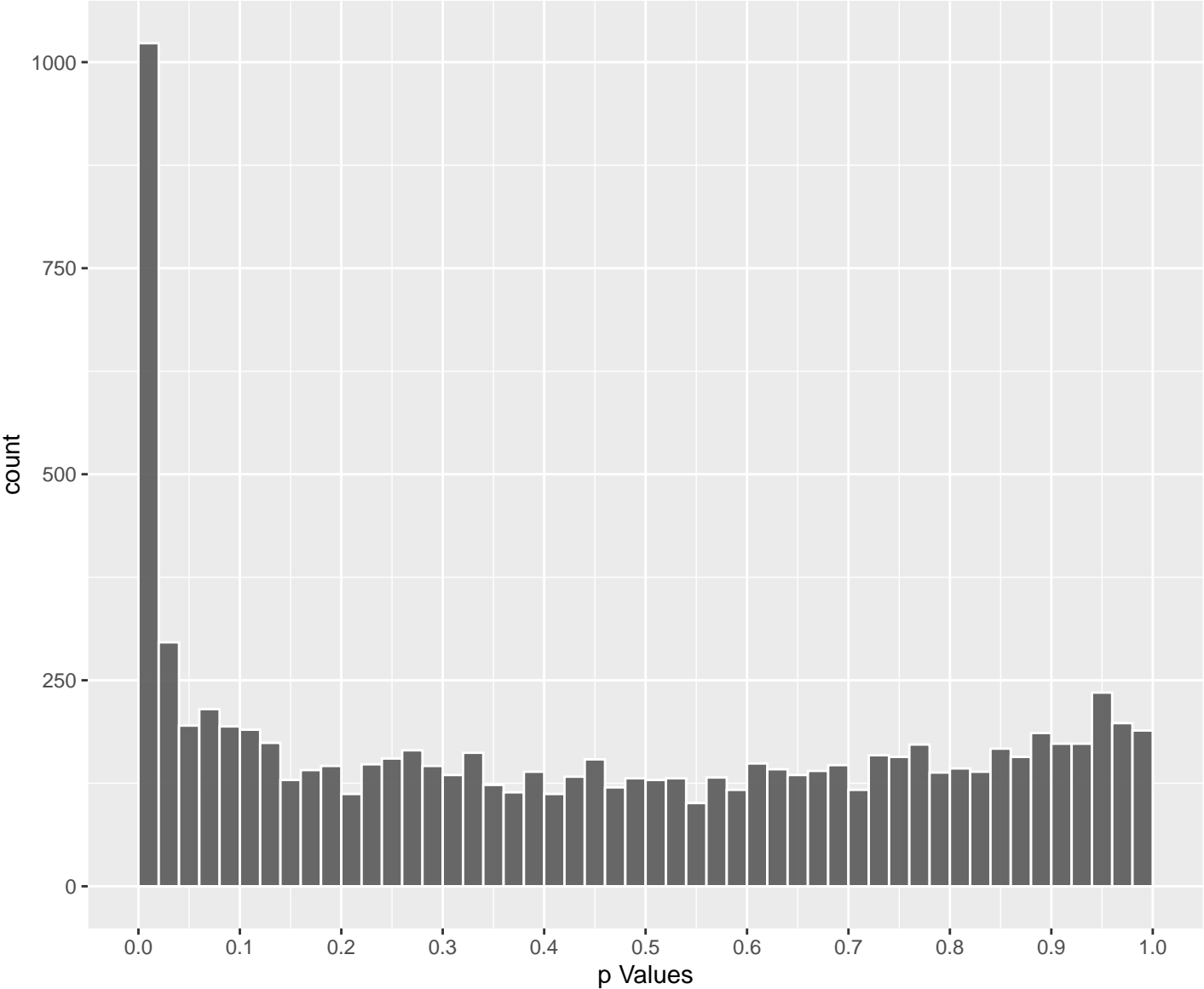
Top genes by Q-Value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
CCPG1	-8.061186	7.555777e-16	1.417e-11	2.658e-07
MRGPRE	7.612440	2.689700e-14	2.266e-10	1.345e-06
PER2	7.573814	3.624238e-14	2.266e-10	1.345e-06
SHANK2	7.505582	6.115605e-14	2.868e-10	1.345e-06
AFDN	7.246365	4.281049e-13	1.439e-09	4.498e-06
SORL1	7.236534	4.602958e-13	1.439e-09	4.498e-06
USP43	7.180193	6.961293e-13	1.865e-09	4.998e-06
TET1	-7.106627	1.189133e-12	2.712e-09	5.510e-06
TET2	-7.068486	1.566336e-12	2.938e-09	5.510e-06
TMEM126B	-7.094171	1.301296e-12	2.712e-09	5.510e-06
TRANK1	6.898544	5.253838e-12	8.958e-09	1.527e-05
PKP1	6.790265	1.119281e-11	1.645e-08	2.373e-05
SLC17A4	6.787609	1.140073e-11	1.645e-08	2.373e-05
MKI67	6.700218	2.081088e-11	2.724e-08	3.285e-05
MYH2	6.679935	2.390477e-11	2.802e-08	3.285e-05
UBAP2	-6.693525	2.178578e-11	2.724e-08	3.285e-05
FAM13B	-6.617648	3.649594e-11	4.027e-08	4.220e-05
GPR37L1	6.608339	3.886546e-11	4.050e-08	4.220e-05
FAAP100	6.573197	4.924612e-11	4.618e-08	4.308e-05
PLEC	6.559438	5.401105e-11	4.824e-08	4.308e-05
TRPM5	6.583262	4.602355e-11	4.543e-08	4.308e-05
SMIM26	-6.486677	8.774997e-11	7.156e-08	5.835e-05
SPATA2L	6.495394	8.281643e-11	7.060e-08	5.835e-05
ADAMTS20	-6.441540	1.182676e-10	8.873e-08	6.605e-05
CEP170B	6.355277	2.080511e-10	1.207e-07	6.605e-05

Positive Rho Non-permulated



Negative Rho Non-permulated



Top Positive genes by P-value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
MRGPRE	7.612440	2.689700e-14	2.266e-10	1.345e-06
PER2	7.573814	3.624238e-14	2.266e-10	1.345e-06
SHANK2	7.505582	6.115605e-14	2.868e-10	1.345e-06
AFDN	7.246365	4.281049e-13	1.439e-09	4.498e-06
SORL1	7.236534	4.602958e-13	1.439e-09	4.498e-06
USP43	7.180193	6.961293e-13	1.865e-09	4.998e-06
TRANK1	6.898544	5.253838e-12	8.958e-09	1.527e-05
PKP1	6.790265	1.119281e-11	1.645e-08	2.373e-05
SLC17A4	6.787609	1.140073e-11	1.645e-08	2.373e-05
MKI67	6.700218	2.081088e-11	2.724e-08	3.285e-05

Top Negative genes by P-value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
CCPG1	-8.061186	7.555777e-16	1.417e-11	2.658e-07
TET1	-7.106627	1.189133e-12	2.712e-09	5.510e-06
TMEM126B	-7.094171	1.301296e-12	2.712e-09	5.510e-06
TET2	-7.068486	1.566336e-12	2.938e-09	5.510e-06
UBAP2	-6.693525	2.178578e-11	2.724e-08	3.285e-05
FAM13B	-6.617648	3.649594e-11	4.027e-08	4.220e-05
SMIM26	-6.486677	8.774997e-11	7.156e-08	5.835e-05
ADAMTS20	-6.441540	1.182676e-10	8.873e-08	6.605e-05
SRFBP1	-6.445909	1.149095e-10	8.873e-08	6.605e-05
DLGAP5	-6.411111	1.444629e-10	1.004e-07	6.605e-05