

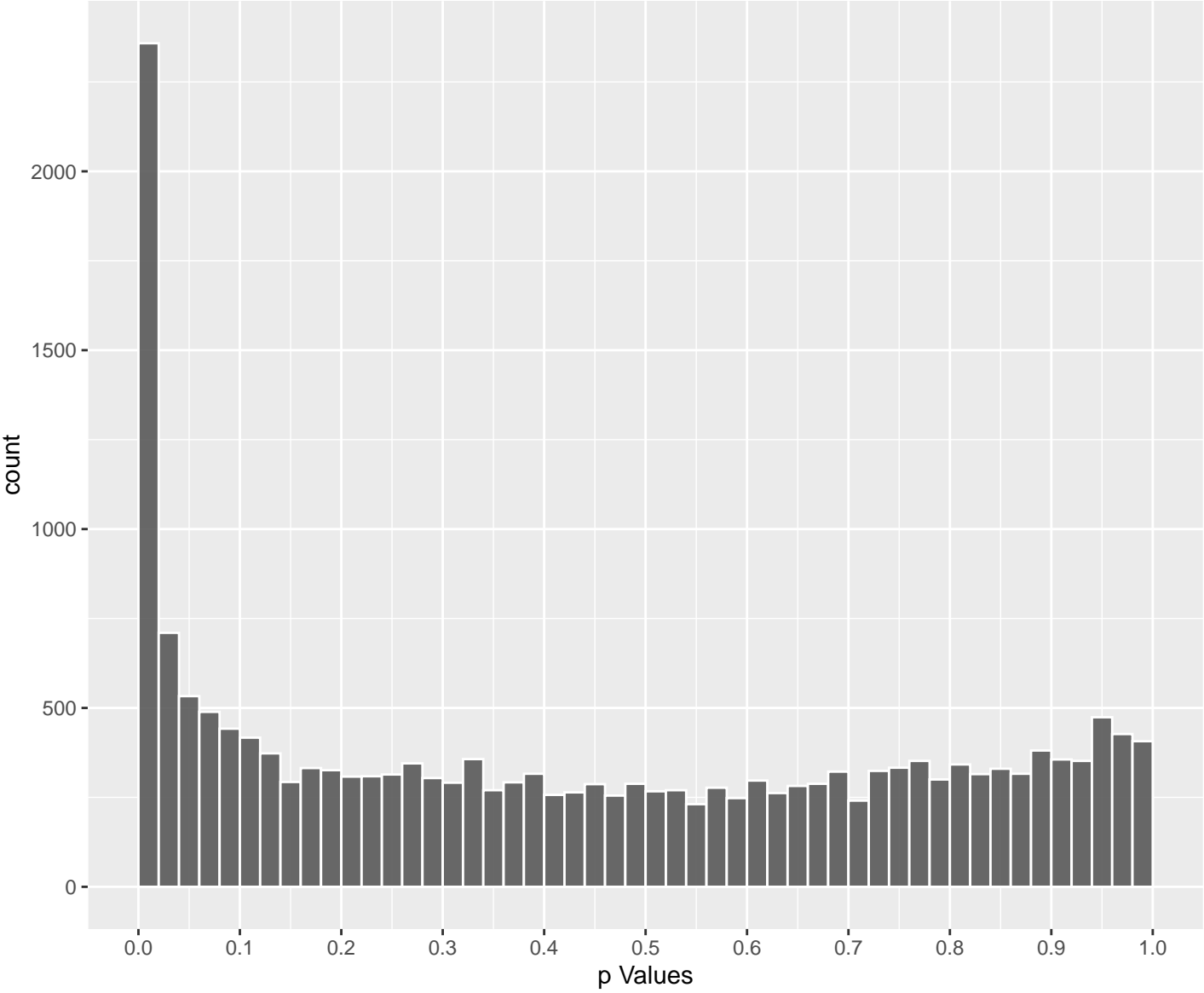
Top genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
CCPG1	0.3169889	206	7.556e-16	1.417e-11	2.658e-07
MRGPRE	0.4673325	125	2.690e-14	2.266e-10	1.345e-06
PER2	0.2583903	223	3.624e-14	2.266e-10	1.345e-06
SHANK2	0.2669847	212	6.116e-14	2.868e-10	1.345e-06
AFDN	0.2488617	212	4.281e-13	1.439e-09	4.498e-06
SORL1	0.2435694	216	4.603e-13	1.439e-09	4.498e-06
USP43	0.2397915	216	6.961e-13	1.865e-09	4.998e-06
TET1	0.2295643	221	1.189e-12	2.712e-09	5.510e-06
TMEM126B	0.2580885	196	1.301e-12	2.712e-09	5.510e-06
TET2	0.2230513	225	1.566e-12	2.938e-09	5.510e-06
TRANK1	0.2332838	205	5.254e-12	8.958e-09	1.527e-05
PKP1	0.2561538	181	1.119e-11	1.645e-08	2.373e-05
SLC17A4	0.2280774	203	1.140e-11	1.645e-08	2.373e-05
MKI67	0.2362785	191	2.081e-11	2.724e-08	3.285e-05
UBAP2	0.2133489	211	2.179e-11	2.724e-08	3.285e-05
MYH2	0.2219977	202	2.390e-11	2.802e-08	3.285e-05
FAM13B	0.2329429	189	3.650e-11	4.027e-08	4.220e-05
GPR37L1	0.2584033	170	3.887e-11	4.050e-08	4.220e-05
TRPM5	0.2199967	198	4.602e-11	4.543e-08	4.308e-05
FAAP100	0.2182168	199	4.925e-11	4.618e-08	4.308e-05
PLEC	0.2020010	214	5.401e-11	4.824e-08	4.308e-05
SPATA2L	0.2356991	180	8.282e-11	7.060e-08	5.835e-05
SMIM26	0.2680063	158	8.775e-11	7.156e-08	5.835e-05
ADAMTS20	0.1877531	222	1.183e-10	8.873e-08	6.605e-05
SRFBP1	0.2036752	205	1.149e-10	8.873e-08	6.605e-05

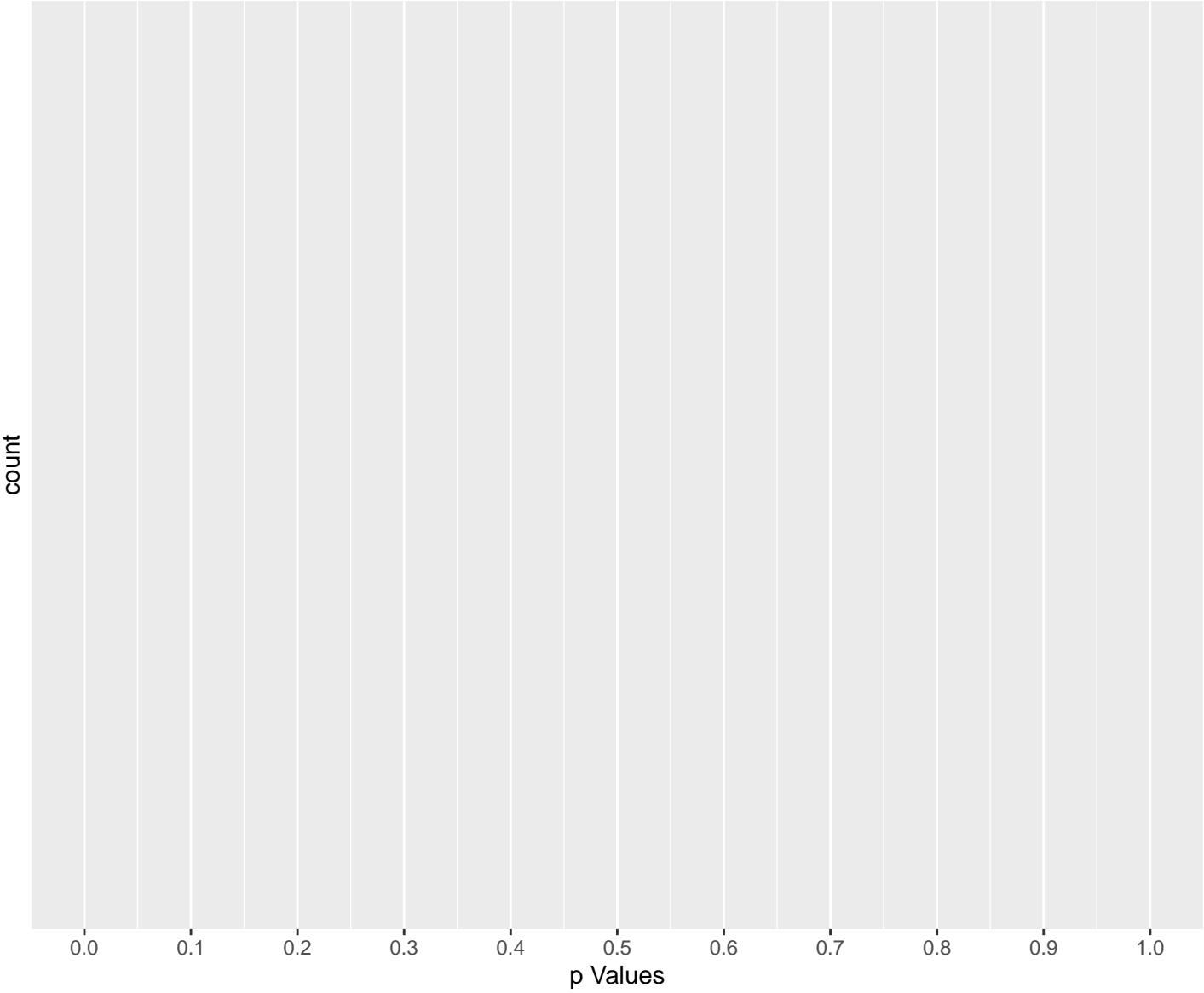
Top genes by Q-Value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
CCPG1	0.3169889	206	7.556e-16	1.417e-11	2.658e-07
MRGPRE	0.4673325	125	2.690e-14	2.266e-10	1.345e-06
PER2	0.2583903	223	3.624e-14	2.266e-10	1.345e-06
SHANK2	0.2669847	212	6.116e-14	2.868e-10	1.345e-06
AFDN	0.2488617	212	4.281e-13	1.439e-09	4.498e-06
SORL1	0.2435694	216	4.603e-13	1.439e-09	4.498e-06
USP43	0.2397915	216	6.961e-13	1.865e-09	4.998e-06
TET1	0.2295643	221	1.189e-12	2.712e-09	5.510e-06
TET2	0.2230513	225	1.566e-12	2.938e-09	5.510e-06
TMEM126B	0.2580885	196	1.301e-12	2.712e-09	5.510e-06
TRANK1	0.2332838	205	5.254e-12	8.958e-09	1.527e-05
PKP1	0.2561538	181	1.119e-11	1.645e-08	2.373e-05
SLC17A4	0.2280774	203	1.140e-11	1.645e-08	2.373e-05
MKI67	0.2362785	191	2.081e-11	2.724e-08	3.285e-05
MYH2	0.2219977	202	2.390e-11	2.802e-08	3.285e-05
UBAP2	0.2133489	211	2.179e-11	2.724e-08	3.285e-05
FAM13B	0.2329429	189	3.650e-11	4.027e-08	4.220e-05
GPR37L1	0.2584033	170	3.887e-11	4.050e-08	4.220e-05
FAAP100	0.2182168	199	4.925e-11	4.618e-08	4.308e-05
PLEC	0.2020010	214	5.401e-11	4.824e-08	4.308e-05
TRPM5	0.2199967	198	4.602e-11	4.543e-08	4.308e-05
SMIM26	0.2680063	158	8.775e-11	7.156e-08	5.835e-05
SPATA2L	0.2356991	180	8.282e-11	7.060e-08	5.835e-05
ADAMTS20	0.1877531	222	1.183e-10	8.873e-08	6.605e-05
CEP170B	0.1970222	206	2.081e-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	N	P	p.adj	qValueNoperm
CCPG1	0.3169889	206	7.556e-16	1.417e-11	2.658e-07
MRGPRE	0.4673325	125	2.690e-14	2.266e-10	1.345e-06
PER2	0.2583903	223	3.624e-14	2.266e-10	1.345e-06
SHANK2	0.2669847	212	6.116e-14	2.868e-10	1.345e-06
AFDN	0.2488617	212	4.281e-13	1.439e-09	4.498e-06
SORL1	0.2435694	216	4.603e-13	1.439e-09	4.498e-06
USP43	0.2397915	216	6.961e-13	1.865e-09	4.998e-06
TET1	0.2295643	221	1.189e-12	2.712e-09	5.510e-06
TMEM126B	0.2580885	196	1.301e-12	2.712e-09	5.510e-06
TET2	0.2230513	225	1.566e-12	2.938e-09	5.510e-06

Top Negative genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
NA	NA	NA	NA	NA	NA
NA.1	NA	NA	NA	NA	NA
NA.2	NA	NA	NA	NA	NA
NA.3	NA	NA	NA	NA	NA
NA.4	NA	NA	NA	NA	NA
NA.5	NA	NA	NA	NA	NA
NA.6	NA	NA	NA	NA	NA
NA.7	NA	NA	NA	NA	NA
NA.8	NA	NA	NA	NA	NA
NA.9	NA	NA	NA	NA	NA