

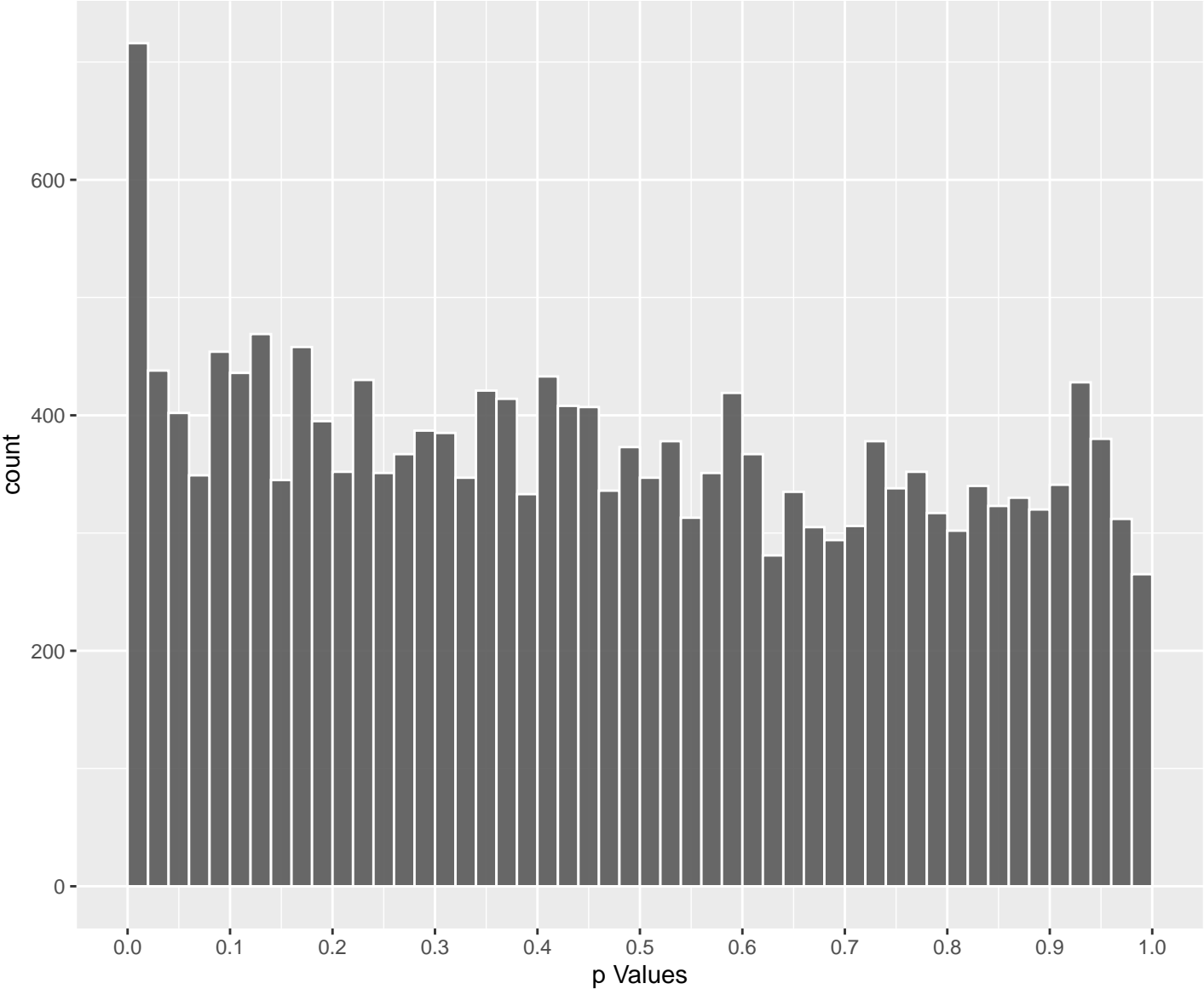
Top genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
CAPN8	0.2881746	204	1.230e-12	2.291e-08	3.725e-04
ANKRD35	0.2744398	203	5.540e-12	5.160e-08	4.196e-04
RXFP4	0.2552635	161	7.063e-09	4.386e-05	1.433e-01
DNAH2	0.1866714	213	1.312e-08	6.108e-05	1.433e-01
BNC1	0.2002449	196	1.696e-08	6.318e-05	1.433e-01
ADGRG4	0.2235319	172	2.534e-08	7.446e-05	1.433e-01
USP43	0.1854671	206	2.798e-08	7.446e-05	1.433e-01
PPP4R1	0.1968052	192	3.452e-08	8.038e-05	1.433e-01
AGGF1	0.1996389	188	3.913e-08	8.100e-05	1.433e-01
ITGB4	0.1791397	201	8.143e-08	1.264e-04	1.433e-01
NSD1	0.1748890	206	8.047e-08	1.264e-04	1.433e-01
TMEM131L	0.1692543	213	7.931e-08	1.264e-04	1.433e-01
ZNF292	0.1706157	209	9.607e-08	1.377e-04	1.433e-01
POLM	0.1706697	202	1.708e-07	1.989e-04	1.433e-01
PRUNE2	0.1554104	222	1.675e-07	1.989e-04	1.433e-01
ZZEF1	0.1631185	212	1.617e-07	1.989e-04	1.433e-01
KIAA0753	0.1649811	208	1.841e-07	2.017e-04	1.433e-01
ACAD10	0.1665332	204	2.177e-07	2.027e-04	1.433e-01
CCPG1	0.1751602	194	2.177e-07	2.027e-04	1.433e-01
MR1	0.1883105	179	2.503e-07	2.027e-04	1.433e-01
PLEC	0.1674169	202	2.348e-07	2.027e-04	1.433e-01
SSTR4	0.2520543	134	2.498e-07	2.027e-04	1.433e-01
STYXL2	0.1608269	210	2.391e-07	2.027e-04	1.433e-01
DAXX	0.1791397	184	3.579e-07	2.626e-04	1.482e-01
HERC2	0.1636672	201	3.666e-07	2.626e-04	1.482e-01

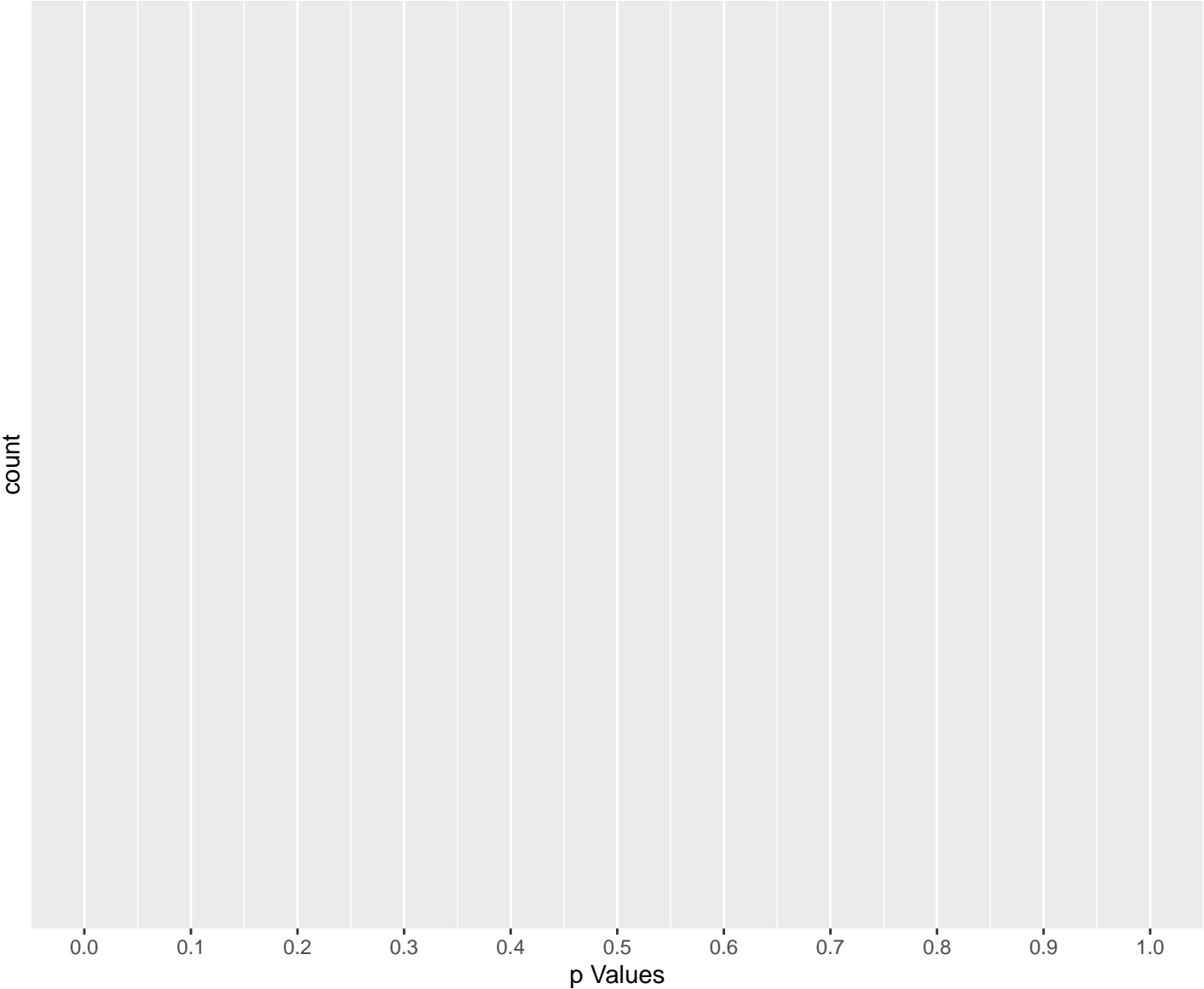
Top genes by Q-Value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
CAPN8	0.2881746	204	1.230e-12	2.291e-08	3.725e-04
ANKRD35	0.2744398	203	5.540e-12	5.160e-08	4.196e-04
ACAD10	0.1665332	204	2.177e-07	2.027e-04	1.433e-01
ADGRG4	0.2235319	172	2.534e-08	7.446e-05	1.433e-01
AGGF1	0.1996389	188	3.913e-08	8.100e-05	1.433e-01
BNC1	0.2002449	196	1.696e-08	6.318e-05	1.433e-01
CCPG1	0.1751602	194	2.177e-07	2.027e-04	1.433e-01
DNAH2	0.1866714	213	1.312e-08	6.108e-05	1.433e-01
ITGB4	0.1791397	201	8.143e-08	1.264e-04	1.433e-01
KIAA0753	0.1649811	208	1.841e-07	2.017e-04	1.433e-01
MR1	0.1883105	179	2.503e-07	2.027e-04	1.433e-01
NSD1	0.1748890	206	8.047e-08	1.264e-04	1.433e-01
PLEC	0.1674169	202	2.348e-07	2.027e-04	1.433e-01
POLM	0.1706697	202	1.708e-07	1.989e-04	1.433e-01
PPP4R1	0.1968052	192	3.452e-08	8.038e-05	1.433e-01
PRUNE2	0.1554104	222	1.675e-07	1.989e-04	1.433e-01
RXFP4	0.2552635	161	7.063e-09	4.386e-05	1.433e-01
SSTR4	0.2520543	134	2.498e-07	2.027e-04	1.433e-01
STYXL2	0.1608269	210	2.391e-07	2.027e-04	1.433e-01
TMEM131L	0.1692543	213	7.931e-08	1.264e-04	1.433e-01
USP43	0.1854671	206	2.798e-08	7.446e-05	1.433e-01
ZNF292	0.1706157	209	9.607e-08	1.377e-04	1.433e-01
ZZEF1	0.1631185	212	1.617e-07	1.989e-04	1.433e-01
CAMSAP1	0.1558413	201	7.835e-07	4.009e-04	1.482e-01
DAXX	0.1791397	184	3.579e-07	2.626e-04	1.482e-01

Positive Rho Non-permulated



Negative Rho Non-permulated



Top Positive genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
CAPN8	0.2881746	204	1.230e-12	2.291e-08	3.725e-04
ANKRD35	0.2744398	203	5.540e-12	5.160e-08	4.196e-04
RXFP4	0.2552635	161	7.063e-09	4.386e-05	1.433e-01
DNAH2	0.1866714	213	1.312e-08	6.108e-05	1.433e-01
BNC1	0.2002449	196	1.696e-08	6.318e-05	1.433e-01
ADGRG4	0.2235319	172	2.534e-08	7.446e-05	1.433e-01
USP43	0.1854671	206	2.798e-08	7.446e-05	1.433e-01
PPP4R1	0.1968052	192	3.452e-08	8.038e-05	1.433e-01
AGGF1	0.1996389	188	3.913e-08	8.100e-05	1.433e-01
ITGB4	0.1791397	201	8.143e-08	1.264e-04	1.433e-01

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