

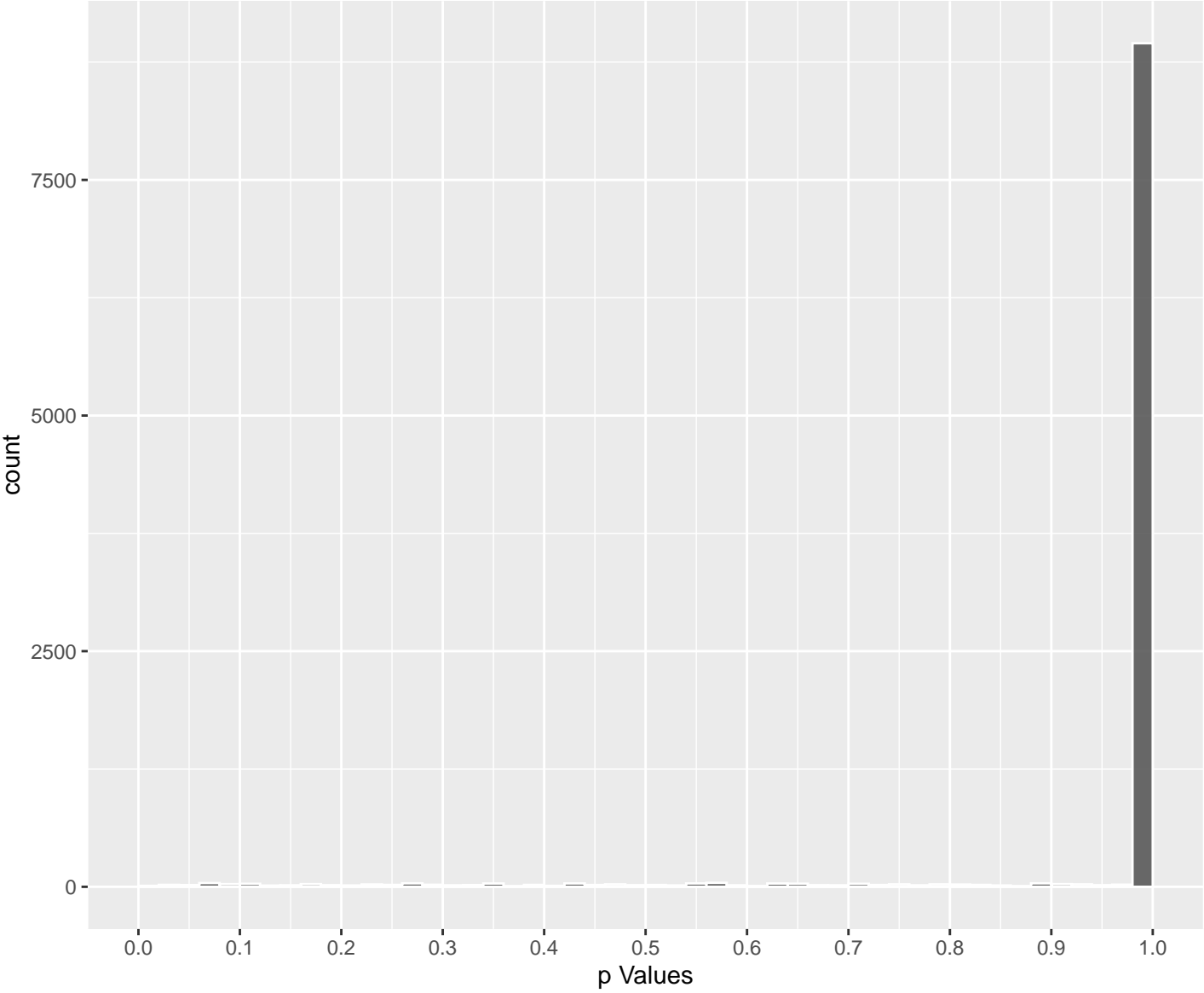
Top genes by P-value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
KIAA0232	-5.147849	1.580942e-06	8.937e-03	1.000e+00
MDN1	5.110644	1.926377e-06	8.937e-03	1.000e+00
NEDD4	5.277743	7.847063e-07	8.937e-03	1.000e+00
ZMIZ2	-5.173046	1.381850e-06	8.937e-03	1.000e+00
BCLAF3	-5.045065	2.720201e-06	1.010e-02	1.000e+00
ADCY1	-4.950050	4.451672e-06	1.043e-02	1.000e+00
ECSIT	4.925163	5.057399e-06	1.043e-02	1.000e+00
ZNF423	-4.930810	4.913371e-06	1.043e-02	1.000e+00
ZSCAN25	4.977013	3.874387e-06	1.043e-02	1.000e+00
THADA	4.869084	6.727013e-06	1.248e-02	1.000e+00
CCPG1	4.800938	9.475456e-06	1.399e-02	1.000e+00
PRUNE2	4.823842	8.449135e-06	1.399e-02	1.000e+00
ZNF180	4.794123	9.803296e-06	1.399e-02	1.000e+00
TIMMDC1	4.756647	1.181012e-05	1.565e-02	1.000e+00
NSD2	-4.740404	1.279755e-05	1.583e-02	1.000e+00
KIAA0825	4.691994	1.623327e-05	1.883e-02	1.000e+00
SCN9A	-4.670703	1.801025e-05	1.966e-02	1.000e+00
AGGF1	4.625789	2.239051e-05	2.307e-02	1.000e+00
TNNI3K	4.614732	2.361623e-05	2.307e-02	1.000e+00
BNC1	-4.535431	3.449156e-05	2.554e-02	1.000e+00
CLCNKA	4.512398	3.845919e-05	2.554e-02	1.000e+00
DLGAP5	4.543212	3.324208e-05	2.554e-02	1.000e+00
EHMT1	-4.540326	3.370034e-05	2.554e-02	1.000e+00
HMCN1	4.497337	4.128593e-05	2.554e-02	1.000e+00
INTS6L	4.512646	3.841426e-05	2.554e-02	1.000e+00

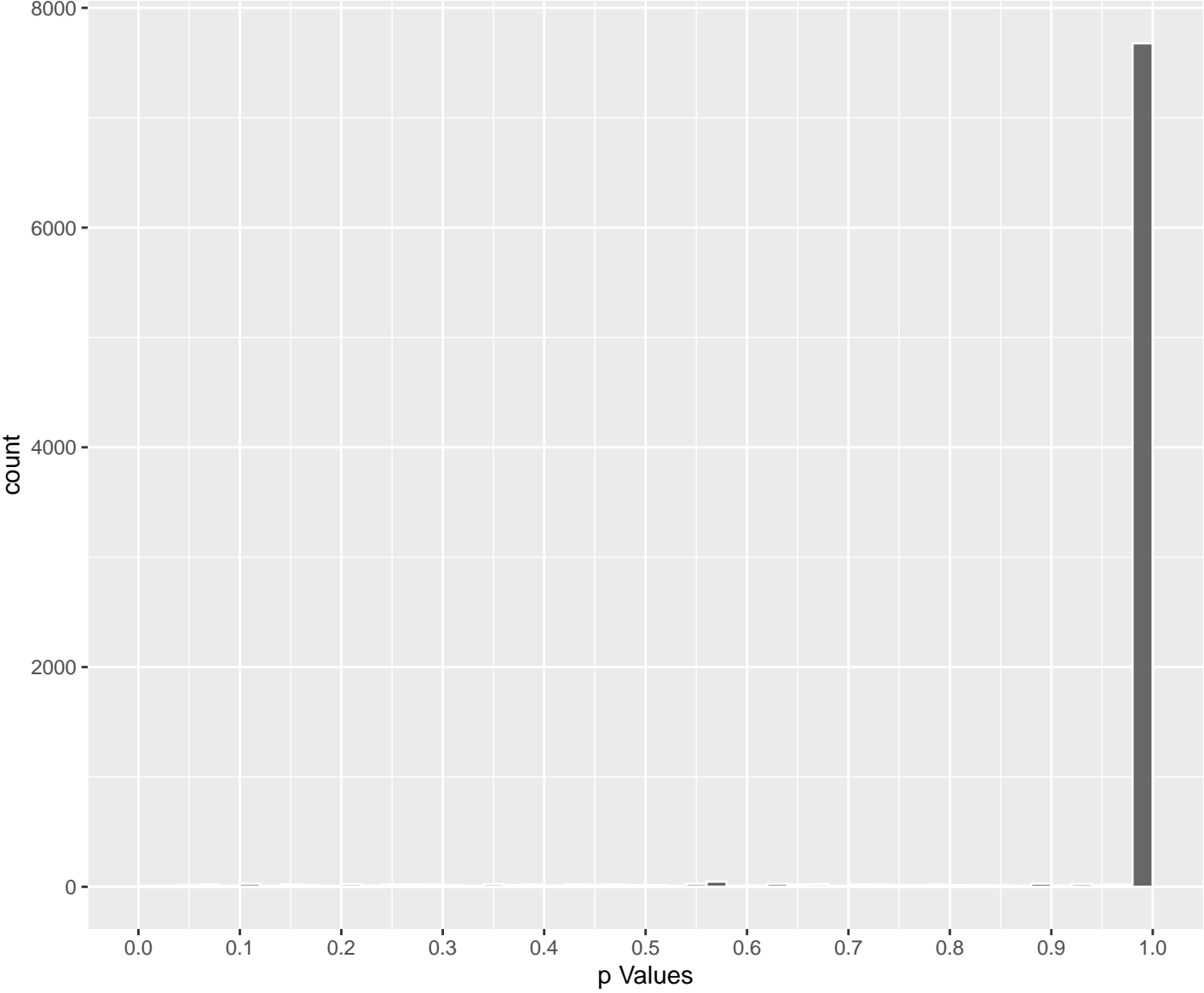
Top genes by Q-Value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
A1BG	0.10434709	1.000000000	1.000e+00	1.000e+00
A1CF	-0.25982597	1.000000000	1.000e+00	1.000e+00
A2M	3.46530968	0.003177727	1.798e-01	1.000e+00
A2ML1	1.17531866	1.000000000	1.000e+00	1.000e+00
A3GALT2	0.85017984	1.000000000	1.000e+00	1.000e+00
A4GALT	1.56461350	0.706041374	1.000e+00	1.000e+00
A4GNT	-0.79611260	1.000000000	1.000e+00	1.000e+00
AAAS	-0.58382031	1.000000000	1.000e+00	1.000e+00
AACS	-2.49230282	0.076150667	8.465e-01	1.000e+00
AADAC	0.78606005	1.000000000	1.000e+00	1.000e+00
AADACL2	-1.86918684	0.369580949	1.000e+00	1.000e+00
AADACL3	-1.92084405	0.328508228	1.000e+00	1.000e+00
AADACL4	-1.12450012	1.000000000	1.000e+00	1.000e+00
AADAT	-0.55274796	1.000000000	1.000e+00	1.000e+00
AAGAB	2.08469003	0.222584677	1.000e+00	1.000e+00
AAK1	-0.08429419	1.000000000	1.000e+00	1.000e+00
AAMDC	1.25469140	1.000000000	1.000e+00	1.000e+00
AAMP	1.37204284	1.000000000	1.000e+00	1.000e+00
AANAT	-1.02380748	1.000000000	1.000e+00	1.000e+00
AAR2	-0.48293197	1.000000000	1.000e+00	1.000e+00
AARD	-1.28251944	1.000000000	1.000e+00	1.000e+00
AARS1	1.58171810	0.682283633	1.000e+00	1.000e+00
AARS2	2.11391288	0.207136253	1.000e+00	1.000e+00
AARSD1	0.58397265	1.000000000	1.000e+00	1.000e+00
AASDH	3.86590686	0.000664063	8.206e-02	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
MDN1	5.110644	1.926377e-06	8.937e-03	1.000e+00
NEDD4	5.277743	7.847063e-07	8.937e-03	1.000e+00
ECSIT	4.925163	5.057399e-06	1.043e-02	1.000e+00
ZSCAN25	4.977013	3.874387e-06	1.043e-02	1.000e+00
THADA	4.869084	6.727013e-06	1.248e-02	1.000e+00
CCPG1	4.800938	9.475456e-06	1.399e-02	1.000e+00
PRUNE2	4.823842	8.449135e-06	1.399e-02	1.000e+00
ZNF180	4.794123	9.803296e-06	1.399e-02	1.000e+00
TIMMDC1	4.756647	1.181012e-05	1.565e-02	1.000e+00
KIAA0825	4.691994	1.623327e-05	1.883e-02	1.000e+00

Top Negative genes by P-value non-permulated

Gene	Rho	P	p.adj	qValueNoperm
KIAA0232	-5.147849	1.580942e-06	8.937e-03	1.000e+00
ZMIZ2	-5.173046	1.381850e-06	8.937e-03	1.000e+00
BCLAF3	-5.045065	2.720201e-06	1.010e-02	1.000e+00
ADCY1	-4.950050	4.451672e-06	1.043e-02	1.000e+00
ZNF423	-4.930810	4.913371e-06	1.043e-02	1.000e+00
NSD2	-4.740404	1.279755e-05	1.583e-02	1.000e+00
SCN9A	-4.670703	1.801025e-05	1.966e-02	1.000e+00
BNC1	-4.535431	3.449156e-05	2.554e-02	1.000e+00
EHMT1	-4.540326	3.370034e-05	2.554e-02	1.000e+00
IQCF3	-4.544942	3.297030e-05	2.554e-02	1.000e+00