

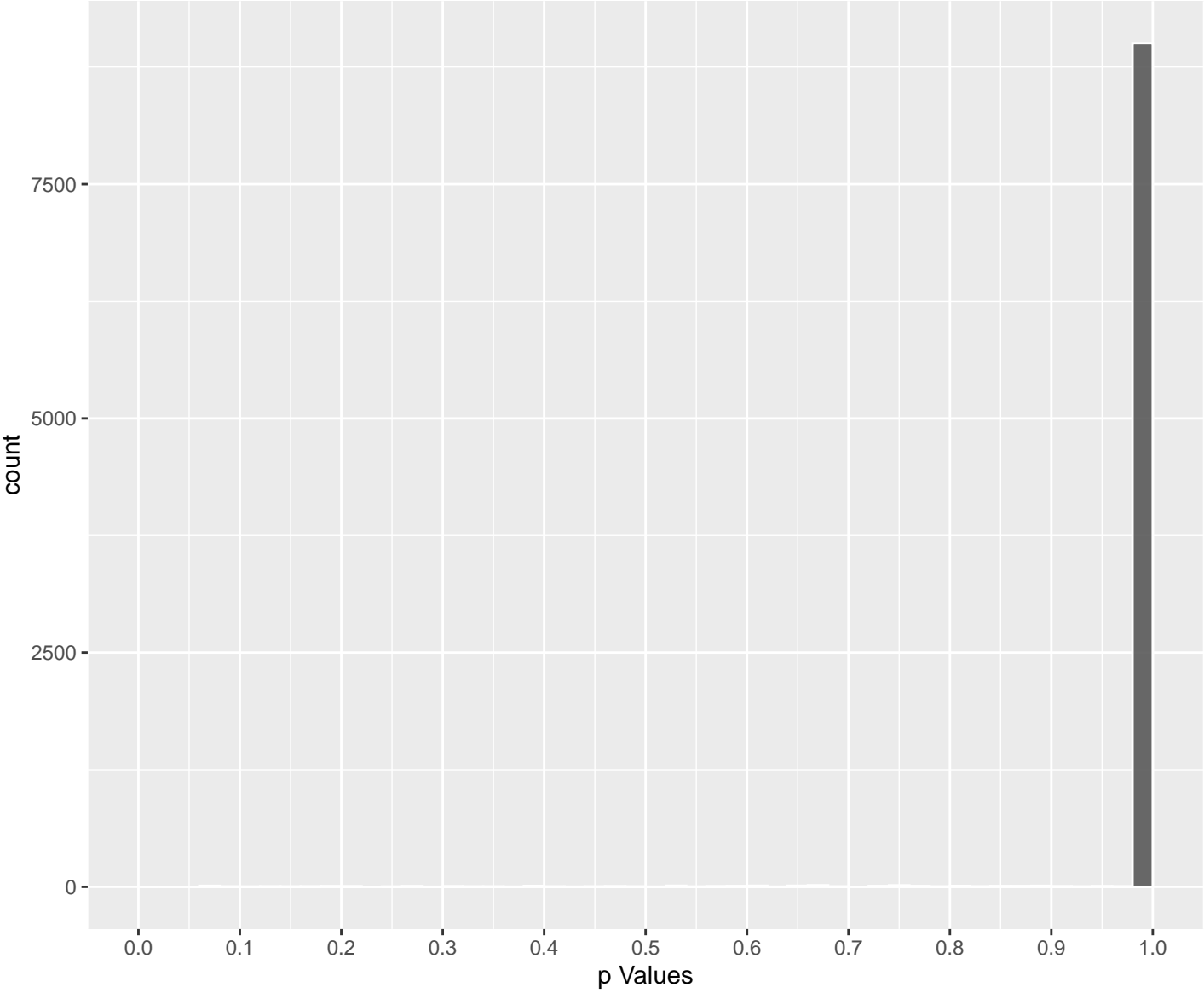
Top genes by P–value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
AGGF1	4.767226	1.120680e−05	6.289e−02	1.000e+00
IQCF5	−4.686288	1.669232e−05	6.289e−02	1.000e+00
SCN9A	−4.683399	1.692936e−05	6.289e−02	1.000e+00
TMEM108	−4.710764	1.480740e−05	6.289e−02	1.000e+00
ZSCAN25	4.767820	1.117379e−05	6.289e−02	1.000e+00
ABCB11	4.415066	6.058749e−05	7.312e−02	1.000e+00
ADAMTS6	−4.453890	5.059702e−05	7.312e−02	1.000e+00
ATF6	−4.397161	6.580566e−05	7.312e−02	1.000e+00
C2CD2L	−4.501681	4.045090e−05	7.312e−02	1.000e+00
CADM3	−4.429359	5.670804e−05	7.312e−02	1.000e+00
GRID1	−4.390340	6.790407e−05	7.312e−02	1.000e+00
IQCF3	−4.438592	5.432969e−05	7.312e−02	1.000e+00
NEDD4	4.400831	6.470221e−05	7.312e−02	1.000e+00
PPP4R1	4.414302	6.080186e−05	7.312e−02	1.000e+00
PRTG	4.381047	7.086625e−05	7.312e−02	1.000e+00
TMED3	−4.424097	5.810802e−05	7.312e−02	1.000e+00
TMEM131L	4.429018	5.679796e−05	7.312e−02	1.000e+00
ZNF292	4.504231	3.996817e−05	7.312e−02	1.000e+00
CPB1	4.366130	7.588022e−05	7.417e−02	1.000e+00
CCPG1	4.344249	8.385186e−05	7.787e−02	1.000e+00
LOXHD1	−4.303569	1.008411e−04	8.919e−02	1.000e+00
CNTRL	4.250253	1.281173e−04	9.152e−02	1.000e+00
CYP17A1	4.256039	1.248485e−04	9.152e−02	1.000e+00
MYO9B	4.287161	1.085826e−04	9.152e−02	1.000e+00
TRPM6	4.274327	1.150294e−04	9.152e−02	1.000e+00

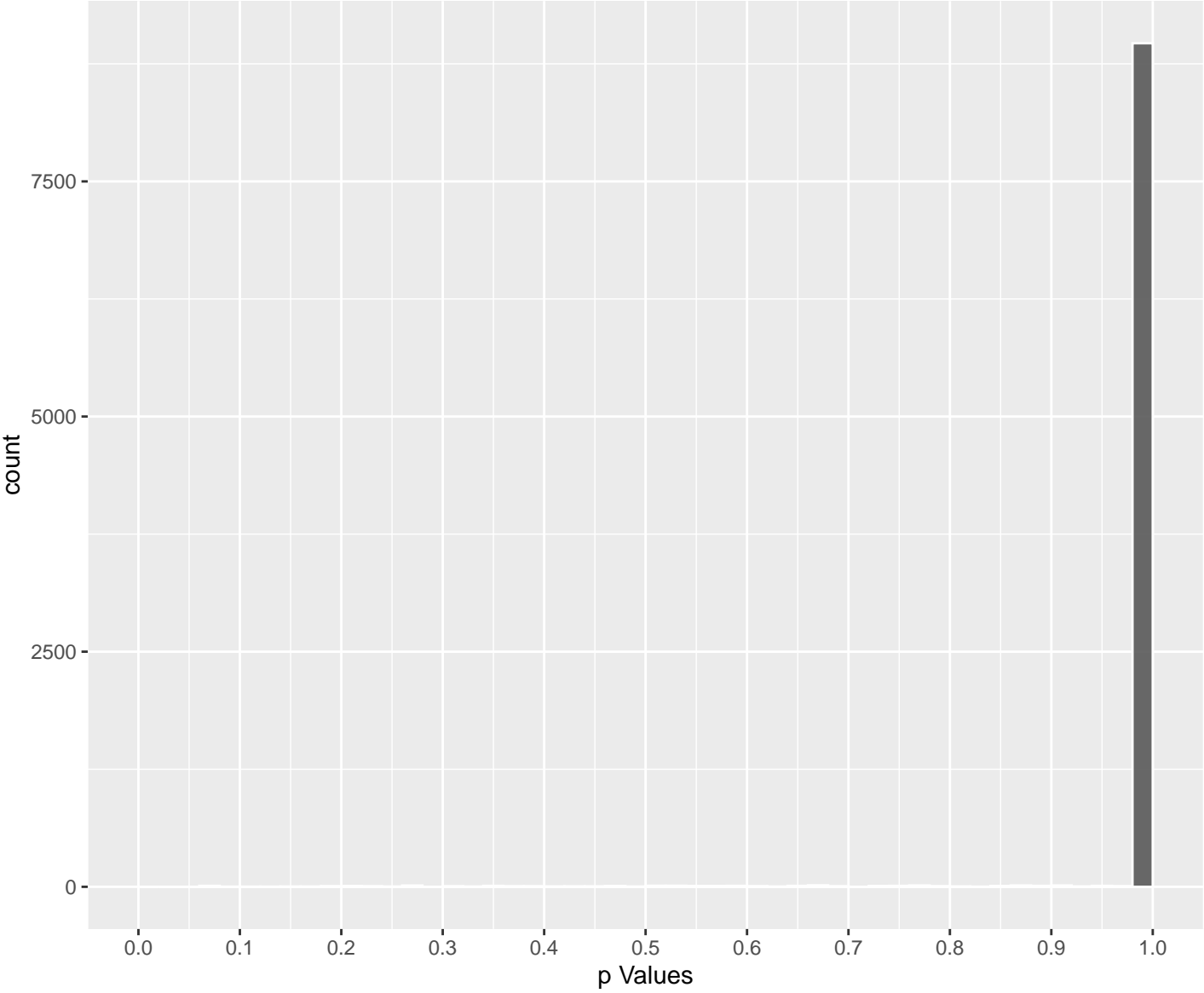
Top genes by Q–Value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
A1BG	−1.0418450	1.000000000	1.000e+00	1.000e+00
A1CF	−0.1593210	1.000000000	1.000e+00	1.000e+00
A2M	3.4344400	0.003562677	3.939e−01	1.000e+00
A2ML1	2.3019953	0.128012626	1.000e+00	1.000e+00
A3GALT2	1.0699429	1.000000000	1.000e+00	1.000e+00
A4GALT	1.2481180	1.000000000	1.000e+00	1.000e+00
A4GNT	−0.4807195	1.000000000	1.000e+00	1.000e+00
AAAS	−1.6072936	0.647939803	1.000e+00	1.000e+00
AACS	−1.8338138	0.400089814	1.000e+00	1.000e+00
AADAC	0.5179184	1.000000000	1.000e+00	1.000e+00
AADACL2	−0.4942042	1.000000000	1.000e+00	1.000e+00
AADACL3	−1.9884649	0.280561798	1.000e+00	1.000e+00
AADACL4	−0.5276064	1.000000000	1.000e+00	1.000e+00
AADAT	1.3266170	1.000000000	1.000e+00	1.000e+00
AAGAB	2.5683818	0.061304735	1.000e+00	1.000e+00
AAK1	−0.6953668	1.000000000	1.000e+00	1.000e+00
AAMDC	−0.2246477	1.000000000	1.000e+00	1.000e+00
AAMP	1.5994834	0.658279364	1.000e+00	1.000e+00
AANAT	−1.0254415	1.000000000	1.000e+00	1.000e+00
AAR2	−1.3196261	1.000000000	1.000e+00	1.000e+00
AARD	−1.1574383	1.000000000	1.000e+00	1.000e+00
AARS1	0.1771912	1.000000000	1.000e+00	1.000e+00
AARS2	0.9760784	1.000000000	1.000e+00	1.000e+00
AARSD1	−0.5886980	1.000000000	1.000e+00	1.000e+00
AASDH	3.1021413	0.011527574	6.469e−01	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
AGGF1	4.767226	1.120680e−05	6.289e−02	1.000e+00
ZSCAN25	4.767820	1.117379e−05	6.289e−02	1.000e+00
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PRTG	4.381047	7.086625e−05	7.312e−02	1.000e+00
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ZNF292	4.504231	3.996817e−05	7.312e−02	1.000e+00
CPB1	4.366130	7.588022e−05	7.417e−02	1.000e+00
CCPG1	4.344249	8.385186e−05	7.787e−02	1.000e+00

Top Negative genes by P–value non–permulated

Gene	Rho	P	p.adj	qValueNoperm
IQCF5	−4.686288	1.669232e−05	6.289e−02	1.000e+00
SCN9A	−4.683399	1.692936e−05	6.289e−02	1.000e+00
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