

RNA-seq Power

PercentDE	Test	Target	SS1	SS2	Actual FDR	Marginal Power	Avg TD	Avg FD
1	V6 2 vs 0	lfc = 0.585	56	19	0.2022	0.7186	14.16	4.16
1	V6 4 vs 0	lfc = 0.585	56	35	0.1220	0.7626	15.14	2.56
1	V6 5 vs 0	lfc = 0.585	56	11	0.2470	0.6733	13.18	5.04
1	V6 8 vs 0	lfc = 0.585	56	10	0.2776	0.6676	13.06	5.72
1	V6 All vs 0	lfc = 0.585	56	84	0.1122	0.7875	15.72	2.44
5	V6 2 vs 0	lfc = 0.585	56	19	0.1179	0.7562	76.96	11.76
5	V6 4 vs 0	lfc = 0.585	56	35	0.0939	0.7898	80.60	9.82
5	V6 5 vs 0	lfc = 0.585	56	11	0.1392	0.7085	71.88	12.88
5	V6 8 vs 0	lfc = 0.585	56	10	0.1343	0.6965	70.62	12.16
5	V6 All vs 0	lfc = 0.585	56	84	0.0942	0.8159	83.48	10.48
10	V6 2 vs 0	lfc = 0.585	56	19	0.1001	0.7654	150.38	19.44
10	V6 4 vs 0	lfc = 0.585	56	35	0.0873	0.7967	156.92	17.80
10	V6 5 vs 0	lfc = 0.585	56	11	0.1104	0.7164	140.40	19.68
10	V6 8 vs 0	lfc = 0.585	56	10	0.1171	0.7098	139.08	20.72
10	V6 All vs 0	lfc = 0.585	56	84	0.0846	0.8224	162.28	18.30
1	V8 2 vs 0	lfc = 0.585	94	32	0.1318	0.7641	15.22	2.80
1	V8 4 vs 0	lfc = 0.585	94	51	0.1125	0.7835	15.62	2.40
1	V8 5 vs 0	lfc = 0.585	94	18	0.1866	0.7238	14.34	3.80
1	V8 8 vs 0	lfc = 0.585	94	28	0.1641	0.7553	15.02	3.56
1	V8 All vs 0	lfc = 0.585	94	146	0.1258	0.8185	16.32	2.94
5	V8 2 vs 0	lfc = 0.585	94	32	0.0970	0.7927	81.08	10.26
5	V8 4 vs 0	lfc = 0.585	94	51	0.0927	0.8115	83.06	10.20
5	V8 5 vs 0	lfc = 0.585	94	18	0.1145	0.7544	77.02	11.52
5	V8 8 vs 0	lfc = 0.585	94	28	0.1015	0.7840	80.12	10.66
5	V8 All vs 0	lfc = 0.585	94	146	0.0874	0.8411	86.16	10.24
10	V8 2 vs 0	lfc = 0.585	94	32	0.0880	0.7982	157.32	18.06
10	V8 4 vs 0	lfc = 0.585	94	51	0.0840	0.8168	161.16	17.98
10	V8 5 vs 0	lfc = 0.585	94	18	0.0961	0.7640	150.36	18.56
10	V8 8 vs 0	lfc = 0.585	94	28	0.0900	0.7914	155.98	18.22
10	V8 All vs 0	lfc = 0.585	94	146	0.0847	0.8410	166.02	19.16
1	V6 2 vs 0	lfc = 1	56	19	0.2022	0.7913	10.38	4.16
1	V6 4 vs 0	lfc = 1	56	35	0.1220	0.8209	10.86	2.56
1	V6 5 vs 0	lfc = 1	56	11	0.2470	0.7604	9.94	5.04
1	V6 8 vs 0	lfc = 1	56	10	0.2776	0.7513	9.82	5.72
1	V6 All vs 0	lfc = 1	56	84	0.1122	0.8377	11.12	2.44
5	V6 2 vs 0	lfc = 1	56	19	0.1179	0.8012	58.42	11.76
5	V6 4 vs 0	lfc = 1	56	35	0.0939	0.8266	60.52	9.82
5	V6 5 vs 0	lfc = 1	56	11	0.1392	0.7628	55.48	12.88
5	V6 8 vs 0	lfc = 1	56	10	0.1343	0.7524	54.70	12.16
5	V6 All vs 0	lfc = 1	56	84	0.0942	0.8444	61.94	10.48
10	V6 2 vs 0	lfc = 1	56	19	0.1001	0.8040	116.18	19.44
10	V6 4 vs 0	lfc = 1	56	35	0.0873	0.8272	119.76	17.80
10	V6 5 vs 0	lfc = 1	56	11	0.1104	0.7666	110.50	19.68
10	V6 8 vs 0	lfc = 1	56	10	0.1171	0.7607	109.62	20.72

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PercentDE	Test	Target	SS1	SS2	Actual FDR	Marginal Power	Avg TD	Avg FD
10	V6 All vs 0	lfc = 1	56	84	0.0846	0.8458	122.68	18.30
1	V8 2 vs 0	lfc = 1	94	32	0.1318	0.8146	10.78	2.80
1	V8 4 vs 0	lfc = 1	94	51	0.1125	0.8331	11.02	2.40
1	V8 5 vs 0	lfc = 1	94	18	0.1866	0.7889	10.40	3.80
1	V8 8 vs 0	lfc = 1	94	28	0.1641	0.8055	10.64	3.56
1	V8 All vs 0	lfc = 1	94	146	0.1258	0.8598	11.38	2.94
5	V8 2 vs 0	lfc = 1	94	32	0.0970	0.8255	60.54	10.26
5	V8 4 vs 0	lfc = 1	94	51	0.0927	0.8413	61.74	10.20
5	V8 5 vs 0	lfc = 1	94	18	0.1145	0.7953	58.22	11.52
5	V8 8 vs 0	lfc = 1	94	28	0.1015	0.8183	59.98	10.66
5	V8 All vs 0	lfc = 1	94	146	0.0874	0.8642	63.46	10.24
10	V8 2 vs 0	lfc = 1	94	32	0.0880	0.8260	119.74	18.06
10	V8 4 vs 0	lfc = 1	94	51	0.0840	0.8409	122.04	17.98
10	V8 5 vs 0	lfc = 1	94	18	0.0961	0.7998	115.76	18.56
10	V8 8 vs 0	lfc = 1	94	28	0.0900	0.8209	119.00	18.22
10	V8 All vs 0	lfc = 1	94	146	0.0847	0.8608	124.94	19.16
1	V6 2 vs 0	eff = 0.585	56	19	0.2022	0.6688	15.62	4.16
1	V6 4 vs 0	eff = 0.585	56	35	0.1220	0.7203	16.98	2.56
1	V6 5 vs 0	eff = 0.585	56	11	0.2470	0.6111	14.22	5.04
1	V6 8 vs 0	eff = 0.585	56	10	0.2776	0.5998	13.96	5.72
1	V6 All vs 0	eff = 0.585	56	84	0.1122	0.7574	17.94	2.44
5	V6 2 vs 0	eff = 0.585	56	19	0.1179	0.7159	85.82	11.76
5	V6 4 vs 0	eff = 0.585	56	35	0.0939	0.7623	91.66	9.82
5	V6 5 vs 0	eff = 0.585	56	11	0.1392	0.6579	78.62	12.88
5	V6 8 vs 0	eff = 0.585	56	10	0.1343	0.6450	77.04	12.16
5	V6 All vs 0	eff = 0.585	56	84	0.0942	0.7927	95.62	10.48
10	V6 2 vs 0	eff = 0.585	56	19	0.1001	0.7280	170.12	19.44
10	V6 4 vs 0	eff = 0.585	56	35	0.0873	0.7684	180.04	17.80
10	V6 5 vs 0	eff = 0.585	56	11	0.1104	0.6679	155.76	19.68
10	V6 8 vs 0	eff = 0.585	56	10	0.1171	0.6599	153.84	20.72
10	V6 All vs 0	eff = 0.585	56	84	0.0846	0.8011	188.20	18.30
1	V8 2 vs 0	eff = 0.585	94	32	0.1318	0.7232	17.10	2.80
1	V8 4 vs 0	eff = 0.585	94	51	0.1125	0.7500	17.76	2.40
1	V8 5 vs 0	eff = 0.585	94	18	0.1866	0.6738	15.86	3.80
1	V8 8 vs 0	eff = 0.585	94	28	0.1641	0.7113	16.80	3.56
1	V8 All vs 0	eff = 0.585	94	146	0.1258	0.8003	18.98	2.94
5	V8 2 vs 0	eff = 0.585	94	32	0.0970	0.7682	92.66	10.26
5	V8 4 vs 0	eff = 0.585	94	51	0.0927	0.7910	95.48	10.20
5	V8 5 vs 0	eff = 0.585	94	18	0.1145	0.7198	86.68	11.52
5	V8 8 vs 0	eff = 0.585	94	28	0.1015	0.7571	91.26	10.66
5	V8 All vs 0	eff = 0.585	94	146	0.0874	0.8257	99.80	10.24
10	V8 2 vs 0	eff = 0.585	94	32	0.0880	0.7711	180.86	18.06
10	V8 4 vs 0	eff = 0.585	94	51	0.0840	0.7942	186.54	17.98
10	V8 5 vs 0	eff = 0.585	94	18	0.0961	0.7277	170.44	18.56
10	V8 8 vs 0	eff = 0.585	94	28	0.0900	0.7620	178.70	18.22
10	V8 All vs 0	eff = 0.585	94	146	0.0847	0.8236	193.56	19.16
1	V6 2 vs 0	eff = 1	56	19	0.2022	0.7461	15.04	4.16
1	V6 4 vs 0	eff = 1	56	35	0.1220	0.7748	15.68	2.56
1	V6 5 vs 0	eff = 1	56	11	0.2470	0.6933	13.90	5.04
1	V6 8 vs 0	eff = 1	56	10	0.2776	0.6808	13.64	5.72
1	V6 All vs 0	eff = 1	56	84	0.1122	0.7954	16.18	2.44

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PercentDE	Test	Target	SS1	SS2	Actual FDR	Marginal Power	Avg TD	Avg FD
5	V6 2 vs 0	eff = 1	56	19	0.1179	0.7692	80.90	11.76
5	V6 4 vs 0	eff = 1	56	35	0.0939	0.7982	84.26	9.82
5	V6 5 vs 0	eff = 1	56	11	0.1392	0.7225	75.80	12.88
5	V6 8 vs 0	eff = 1	56	10	0.1343	0.7112	74.58	12.16
5	V6 All vs 0	eff = 1	56	84	0.0942	0.8184	86.60	10.48
10	V6 2 vs 0	eff = 1	56	19	0.1001	0.7757	158.66	19.44
10	V6 4 vs 0	eff = 1	56	35	0.0873	0.8025	164.64	17.80
10	V6 5 vs 0	eff = 1	56	11	0.1104	0.7282	148.62	19.68
10	V6 8 vs 0	eff = 1	56	10	0.1171	0.7205	147.02	20.72
10	V6 All vs 0	eff = 1	56	84	0.0846	0.8225	169.14	18.30
1	V8 2 vs 0	eff = 1	94	32	0.1318	0.7721	15.70	2.80
1	V8 4 vs 0	eff = 1	94	51	0.1125	0.7885	16.08	2.40
1	V8 5 vs 0	eff = 1	94	18	0.1866	0.7421	15.02	3.80
1	V8 8 vs 0	eff = 1	94	28	0.1641	0.7623	15.48	3.56
1	V8 All vs 0	eff = 1	94	146	0.1258	0.8173	16.68	2.94
5	V8 2 vs 0	eff = 1	94	32	0.0970	0.8009	84.74	10.26
5	V8 4 vs 0	eff = 1	94	51	0.0927	0.8145	86.22	10.20
5	V8 5 vs 0	eff = 1	94	18	0.1145	0.7706	81.36	11.52
5	V8 8 vs 0	eff = 1	94	28	0.1015	0.7956	84.10	10.66
5	V8 All vs 0	eff = 1	94	146	0.0874	0.8399	89.02	10.24
10	V8 2 vs 0	eff = 1	94	32	0.0880	0.8019	164.62	18.06
10	V8 4 vs 0	eff = 1	94	51	0.0840	0.8158	167.70	17.98
10	V8 5 vs 0	eff = 1	94	18	0.0961	0.7753	158.94	18.56
10	V8 8 vs 0	eff = 1	94	28	0.0900	0.7970	163.60	18.22
10	V8 All vs 0	eff = 1	94	146	0.0847	0.8369	172.16	19.16