

Gene expression changes and molecular pathways mediating activity-dependent plasticity in visual cc
Tropea et al

Monocular deprivation (16 days) versus control

Upregulated

Significance criterion = 0.01

i	affyid	p	MD	control	gene
1	93496_at	0.001065	2210.77	1456.13	Elovl5
2	93604_f_at	0.004539	9387.4	1017.73	Igsf4
3	93784_at	0.005441	830.25	659.9	Cfdp
4	93839_at	0.007824	7403.2	4968.97	Rtn3
5	94252_at	0.002222	4544.57	3108.47	Eif2s3x
6	94260_at	0.004891	1520.25	1128.4	3110040D16Rik
7	95472_f_at	0.003514	1266.1	899.47	Uqcrb
8	96607_at	0.002949	1399.73	951.07	1500003O03Rik
9	96614_at	0.005938	633.45	451	4933426M11Rik
10	97292_at	0.004692	5721.33	2778.47	---
11	98894_at	0.00423	286.13	161	2610016F04Rik
12	98915_at	0.000485	699.92	198.77	Rnf149
13	96884_at	0.003098	534.78	444.63	Carhsp1
14	98083_at	0.006518	829.23	537.37	Copeb
15	98150_at	0.004737	3282.83	2476.53	Rab11b
16	98535_at	0.00354	1011.75	671.1	Comt
17	100047_at	0.006132	17404.58	12237.27	Snap25
18	100536_at	0.006952	4511.23	2729.03	Mobp
19	100566_at	0.001289	2740.92	969.9	Igfbp5
20	101035_at	0.005254	629.15	477.07	Api5
21	101590_at	0.003644	440.5	231.3	Lamp2
22	101980_at	0.005831	537.2	409.97	Rpo2tc1
23	102316_at	0.003714	765.63	488.1	Capn5
24	102743_at	0.005928	2407.53	1344.4	Mapt
25	103330_at	0.006775	725.28	426.47	Spnr
26	103807_at	0.00284	744.47	615.17	Wiz
27	103913_at	0.008205	1704.25	1327.7	Sec61a2
28	104119_at	0.004214	971.88	593	AW060714
29	104609_at	0.003119	723.3	499.67	Bscl2
30	104611_at	0.002351	486.55	333.97	Wdr26
31	94977_at	0.009688	3498.05	1846.7	Itpr1
32	96734_at	0.002392	861.82	622.47	Synj2bp
33	96806_at	0.003309	513.18	317.07	Lpin2
34	97923_at	0.004944	3344	2039.37	1110004B15Rik
35	97935_at	0.003091	1302.42	826.67	4121402D02Rik
36	98993_at	0.001233	3665.95	3061.53	Ppp2r5c
37	99049_at	0.000165	605.55	362.37	Casp2
38	99440_at	0.000439	818.93	377.3	Nfib
39	99465_at	0.009284	1057.13	632.17	Mecp2
40	99510_at	0.008967	10491.18	8212.37	Prkcb
41	100959_at	0.003333	1442.18	1191.43	S100a13
42	101933_at	0.007513	587.12	316.67	Rab10
43	102646_at	0.005149	556.98	367.23	Murr2
44	102922_at	0.002632	642.52	505.5	1110020B03Rik

45	102936_at	0.007706	1108.28	542.43	B4galt6
46	103678_at	0.002629	3506.9	2388.37	Sbno1
47	103791_at	0.0049	143.7	65.2	Narg1
48	103924_at	0.000138	1584.38	1154.3	D8Erttd319e
49	104461_at	0.005179	663.2	264.67	Pik3ca
50	92243_at	0.00388	1113.38	907.03	1810017N16Rik
51	92378_at	0.004056	668.08	373.2	Ptprz1
52	92749_at	0.004005	1945.85	870.93	Gabrb1
53	92947_s_at	0.009653	14760.57	8200.83	Gria2
54	93485_at	0.007685	2156.5	1079.7	---
55	96496_g_at	0.007926	1753.43	787.3	Myt1l
56	97793_at	0.001502	525.62	168.9	Gria3
57	98386_s_at	0.003688	746.1	497.1	Cacna1c
58	101684_r_at	0.002656	686.48	353.5	---
59	160393_at	0.005312	1875.2	1153.37	4930555L11Rik
60	160483_at	0.00351	2482.17	1530.63	Tcf4
61	160603_at	0.001371	514.82	228.13	Pparbp
62	160760_at	0.003051	835.27	555.1	Ptprk
63	160772_i_at	0.007225	599.22	340.97	D11Erttd730e
64	160859_s_at	0.008753	537.78	257.67	Nfib
65	161119_at	0.002125	399.42	248.73	Epha5
66	161329_f_at	0.005965	1303.55	955.97	---
67	106302_at	0.001409	860.72	551.6	Mll3
68	108556_at	0.004647	1634.8	905.5	BC036333
69	110752_at	0	2538.12	1310.47	9430022M17Rik
70	110760_at	0.005432	884.83	535.23	Zfp198
71	110858_at	0.005877	4567.12	3251.53	B930006L02Rik
72	111832_at	0.000946	1651.57	975.87	---
73	111916_at	0.005079	1763.05	1165.33	Hmg20a
74	112795_at	0.006494	6279.33	3656.2	Tcf4
75	112844_at	0.005834	1320.6	802.9	Dst
76	115764_at	0.002492	1122.27	784.2	---
77	108712_at	0.005125	2375.88	1585.03	Cobl
78	110457_at	0.000654	2984.88	1994.2	Hlf
79	111448_f_at	0.009269	9968.92	6206.5	Satb1
80	111497_at	0.004851	420.1	158.7	9030612M13Rik
81	111518_at	0.005936	8084.45	5145.43	D12Erttd553e
82	111935_at	0.000867	330.5	151.17	---
83	111956_at	0.004312	630.22	397.33	Ggps1
84	112898_at	0.009958	1213.48	689.2	Klf7
85	112918_at	0.000188	5035.22	2967.33	LOC212285
86	112963_at	0.001006	314.53	177.43	Zfp120
87	114119_at	0.000761	8575.62	5937.97	Mtap2
88	114389_at	0.009089	7158.9	4552.2	Gabrb3
89	114816_at	0.005886	226.97	104.27	---
90	114841_at	0.009653	614.82	300.17	Nf1
91	115170_at	0.005895	1641.48	1145.67	Pparbp
92	115191_at	0.009708	394.28	177.23	3732409C05Rik
93	115486_at	0.009463	2762.47	1571.3	Kif21a
94	115904_at	0.002526	993.52	601.1	1110065L07Rik
95	116119_at	0.006916	1155.98	783.1	9230110G02Rik
96	116164_at	0.004671	717.83	493.2	Pde4a

97	116376_at	0.002222	5480.85	3051.73	BC003498
98	116425_at	0.002269	3853.27	2116.03	Ntrk2
99	116691_at	0.008134	8737.97	4627.8	Adcy1
100	116834_at	0.007358	2084.35	1039.37	9030612M13Rik
101	116904_at	0.008919	2553.35	1843.67	Sdf4
102	116949_at	0.007021	1611.45	1146.33	A2bp1
103	116955_at	0.000055	2462.38	1201.3	---
104	117005_at	0.001156	4579.58	2829.87	C030033M19Rik
105	117035_at	0.001546	1246.53	815.1	Atp8a1
106	117120_at	0.009172	1059	600	L3mbtl3
107	117148_at	0.006429	1555.2	1033.37	---
108	117176_at	0.009722	5992.47	3670.6	Ank2
109	117250_at	0.009594	2389.28	1696.87	B930006L02Rik
110	106917_at	0.000206	1328.75	1082.17	C530030I18
111	106936_at	0.000727	1152.03	453.4	A230020K05Rik
112	106967_at	0.000347	132.77	26.67	Cul4b
113	107435_at	0.003557	742.42	441.7	BC030940
114	107874_at	0.003869	754.02	490.53	B230380D07Rik
115	107880_at	0.00681	2048.37	958.07	---
116	109647_at	0.0044	1312.78	982.07	E030026I10Rik
117	110202_at	0.002491	2449.53	1350.07	Zfp148
118	111305_at	0.003389	1627.45	1080.47	---
119	111685_at	0.003633	1114.58	850.47	C330019G07Rik
120	111767_at	0.00303	2654.45	1518.33	Pura
121	112245_at	0.001069	329.22	135.8	---
122	112682_at	0.003122	480.8	283.33	Kif1b
123	113031_at	0.005395	1087.4	300.43	---
124	113425_at	0.003781	3628.7	1276.27	Ppp1r9a
125	114185_at	0.005665	925.7	459.7	C030011O14Rik
126	114255_at	0.007305	525.95	338.5	---
127	114866_at	0.00387	2405.67	1709.13	MGC68340
128	116236_at	0.009092	537.58	399.57	---
129	116241_at	0.008445	1308	878.7	---
130	116557_at	0.000134	1451.5	1147.87	D5Wsu178e
131	116709_at	0.007174	876.48	500.23	---
132	104940_at	0.007792	521.02	312.53	---
133	105742_at	0.001726	1728.47	1097.83	Sdccag8
134	105785_at	0.000147	3504.42	1446.13	---
135	105792_at	0.000359	579.72	299.37	---
136	106101_at	0.001455	1915.97	1033.1	9030406N13Rik
137	106463_at	0.008382	411.22	232.4	---
138	106817_at	0.001218	1907.63	1184.13	---
139	106892_at	0.00129	860.87	372.57	---
140	107812_at	0.006233	1611.4	1194.03	4930565N16Rik
141	108308_at	0.007609	719	544.7	A730011F23Rik
142	108313_at	0.007108	2204.12	1665.07	AW550801
143	108865_at	0.004066	453.67	285.03	---
144	109430_at	0.001886	1379.03	885.77	2610040E16Rik
145	110110_at	0.007026	1238.77	619.9	Ash1l
146	110578_at	0.009776	318.83	199.23	Taf3
147	111659_at	0.001795	657.17	441.07	---
148	162732_i_at	0.009644	1511.85	971.93	BC003331

149	162834_at	0.004526	686.85	352.43	Ddah1
150	163130_at	0.001291	6139.6	4534.37	---
151	163248_at	0.000146	4159.93	2807.5	---
152	163435_at	0.00282	783.52	506.57	1810073M12Rik
153	163540_i_at	0.000313	1873.52	887.23	4930438D12Rik
154	163643_i_at	0.00513	18758.45	15024.33	Ppp3ca
155	163653_at	0.001061	2332.63	1471.5	1110003E01Rik
156	163689_at	0.001771	1885.57	1399.17	Mte1
157	164020_at	0.001271	420.22	258.2	---
158	164295_i_at	0.007914	1279.07	594.43	B230106I24Rik
159	130911_at	0.001604	4419.93	2255.23	---
160	134685_at	0.005152	4043.13	2697.13	9930116O05Rik
161	136105_at	0.005328	1467.87	853.83	Prdx1
162	137565_at	0.002724	1317.68	803.6	---
163	137586_at	0.002439	596.5	314.2	---
164	138036_at	0.003513	3174.73	1463.77	---
165	138070_at	0.001484	26565.8	16220.37	Sv2b
166	138507_at	0.005587	11527.93	7440.2	---
167	138965_at	0.009962	1343.52	699.6	Dgkg
168	139519_at	0.001308	21432.33	9458.93	Gabra2
169	139531_at	0.00739	845.88	388.83	Syt6
170	141051_at	0.004399	493.83	281.37	Fgf10
171	135383_r_at	0.005943	5305.3	3178.53	Pank3
172	138380_at	0.003259	2816.25	1378.93	---
173	138395_at	0.003553	3392.93	2003	---
174	138798_at	0.005087	1667.98	933.5	D10Ert516e
175	139426_r_at	0.000493	1251.92	861.53	---
176	129828_f_at	0.007249	2475.03	1369.9	---
177	129892_at	0.009879	1345.7	322.57	---
178	130649_at	0.006394	3228.6	1810.67	2610002M06Rik
179	134347_f_at	0.000422	9405.13	5790.17	---
180	135258_at	0.00219	3535.72	1045.47	---
181	137719_at	0.00234	794.1	282.53	Csmd3
182	139150_at	0.005191	1903.47	747.03	---
183	165760_f_at	0.008876	2274.58	1622.17	Arpc5l
184	165770_at	0.002816	6761.48	4427.33	4833444A01Rik
185	166426_i_at	0.004313	9470.87	6585.97	1200009K13Rik
186	166513_at	0.002618	1275.38	677.1	C130038G02Rik
187	166816_at	0.004726	3451.35	2573.4	Cul5
188	167282_i_at	0.00348	6497.6	3854.03	Nxph1
189	167598_at	0.001348	2579.32	1590.57	---
190	167905_f_at	0.000012	4200.92	1728.97	Flrt3
191	168123_at	0.006874	17210.08	6449.67	6330407J23Rik
192	168462_at	0.009717	1812.47	1102.9	---
193	168478_s_at	0.003674	6265.57	3104.2	5730496F10Rik
194	168513_f_at	0.001831	1600.07	1138.7	Rnut1
195	168697_s_at	0.003626	759.63	596.63	---
196	169223_at	0.002246	1136.07	808.67	4632425D07Rik
197	170018_r_at	0.006368	3058.38	2476.37	---
198	170053_i_at	0.001649	1250.3	888	---
199	171126_f_at	0.001719	2802.53	2239.87	---
200	171190_f_at	0.009929	1205.9	467.33	---

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