

Table S1. Microarray data on MRTF cortical bdKO samples at P0

Fold change	Gene symbol	Gene title
-7.6	<i>Antxr2</i>	anthrax toxin receptor 2
-6.9	<i>Mett5d1</i>	methyltransferase 5 domain containing 1
-6.8	<i>Pctk1</i>	PCTAIRE-motif protein kinase 1
-6.8	<i>Pip5k2b</i>	phosphatidylinositol-4-phosphate 5-kinase II beta
-4.3	<i>Xmr</i>	Xmr protein
-3.8	<i>Rasef</i>	RAS and EF hand domain containing
-3.2	<i>Oog3</i>	oogenesis 3
-3	<i>Ctnna1</i>	catenin, alpha 1
-2.8	<i>Trat1</i>	T cell receptor associated transmembrane 1
-2.8	<i>Defb11</i>	defensin beta 11
-2.5	<i>Cryga</i>	crystallin, gamma A
-2.4	<i>Slc45a3</i>	solute carrier family 45, member 3
-2.4	<i>Dleu2</i>	deleted in lymphocytic leukemia, 2
-2.4	<i>Arl14</i>	ADP-ribosylation factor-like 14
-2.3	<i>Ang4</i>	angiogenin, ribonuclease A family, member 4
-2.3	<i>Kif23</i>	kinesin family member 23
-2.2	<i>Wnt3a</i>	wingless-related MMTV integration site 3A
-2.1	<i>Ctsv</i>	cathepsin W
-2.1	<i>Abcd2</i>	ATP-binding cassette, family D, member 2
-2	<i>Ccnb3</i>	cyclin B3
-1.9	<i>Jmy</i>	junction-mediating and regulatory protein
-1.8	<i>Gsn</i>	gelsolin
-1.8	<i>Sema3b</i>	semaphorin 3B
-1.6	<i>Dnase1l3</i>	deoxyribonuclease 1-like 3
-1.6	<i>Zpbp</i>	zona pellucida binding protein
-1.6	<i>Tssk6</i>	testis-specific serine kinase 6
-1.6	<i>Xlr4b</i>	X-linked lymphocyte-regulated 4B
-1.5	<i>Myh2</i>	myosin heavy polypeptide 2
-1.5	<i>Klrk1b</i>	killer cell lectin-like receptor b member 1B
-1.5	<i>Map2k7</i>	mitogen activated protein kinase kinase 7
-1.5	<i>Sema5a</i>	semaphorin 5A
-1.5	<i>Arhgef16</i>	Rho guanine nucleotide exchange factor16
-1.5	<i>Arc</i>	activity regulated cytoskeletal-associated protein
-1.5	<i>Actn1</i>	actinin, alpha 1
-1.5	<i>App</i>	amyloid beta (A4) precursor protein

The top 35 known genes that were expressed above background level in the control samples and were significantly downregulated in the array.