

Supplementary material for Mody *et al.* (July 3, 2001) *Proc. Natl. Acad. Sci. USA*,  
10.1073/pnas.141244998

**Table 3. Genes up-regulated in late postnatal stages (clusters 11 and 15)**

Accession no.		Fold change: (P30 vs. E16)
<b>Synaptic function</b>		
Msa.4409.0_at	Clathrin, light chain B	3.07
D37792	Synaptogamin I/65	9.45
D45903_s_at	UNC-18 homologue	3.14
Msa.2798.0_s_at	Vesicle-associated membrane protein (VAMP2)	4.92
Msa.11883.0_f_at (sp P07825)	Synaptophysin (major synaptic vesicle protein P38)	4.01
U62021_s_at	Neuronal pentraxin 1	10.09
aa018019_s_at	<i>N</i> -methyl-D-aspartate receptor - glutamate binding chain	4.78
Msa.7923.0_s_at	Neurogranin (protein kinase C substrate 7.5 kD)	54.82
w13304_s_at	Alpha-SNAP protein	3.02
U09383_s_at	Calcium-activated potassium channel	6.34
X97281	Potassium channel, beta subunit	4.89
U51908_s_at	Brain neurotensin receptor	25.25
U85489_s_at	Acetylcholine receptor-interacting protein (AIP)	1.42
U92565_at	Fractalkine	133.65
X59520_f_at	Cholecystokinin	208.49
X55573_s_at	Brain derived neurotrophic factor (BDNF)	16.48
X57497_s_at	Glutamate receptor 1 (GluR1)	17.97
X57498_at	Glutamate receptor 2 (GluR2)	2.88
<b>Signal transduction</b>		
U58886_s_at	SH3-containing protein (SH3P4)	2.29
Msa.2863.0_s_at	SH3P9	3.02
Z50013_s_at	C-H-Ras	2.45
Msa.35485.0_f_at (sp P05713)	Ras-related protein RAB-3A	3.33
Msa.2276.0_s_at	Mitogen activated protein kinase (erk-1)	1.04
u05683_s_at	Receptor-type tyrosine kinase	10.57
Msa.38455	Focal adhesion kinase	37.32
j05479_s_at	Calcineurin	4.95
ET63003	Phospholipase C beta 1	2.37
Msa.18213.0_s_at	Diglyceride kinase	27.83
X99963_s_at	RhoB	4.98
X53532	Protein kinase C	97.05
<b>Transcriptional and translational control</b>		
I20899_f_at	Cell division cycle homolog (CDC25)	16.92
L26479_s_at	Elongation factor-1(alpha-CMS1)	13.45
M22326-2_s_at	Growth factor-induced protein (zif/268)	11.62
Msa.1186.0_s_at	DNA-binding protein (Smbp-2)	4.75
Msa.17760.0_s_at	Proto-oncogene DBL	3.57
Msa.18739.0 (sp P46933)	Transcriptional activator FE6J	2.62

Accession no.		Fold change: (P30 vs. E16)
<b>Synaptic function</b>		
Msa.24864.0_s_at (sp P07834)	Cell division control protein 4	15.38
U66141_s_at	Transcription factor Sox-M	23.85
<b>Glucose metabolism</b>		
J03928_s_At	Phosphofructokinase (PFK)	3.06
Msa.2087.0_f_at	Pyruvate kinase	1.64
Msa.18475.0_f_at	Glucose-6-phosphate isomerase	6.35
AA717247_f_at (gb: Y00516)	Fructose biphosphate aldolase A	6.58
Msa.1619.0_f_at	Triose phosphate isomerase	2.33
Msa.10491.0_s_at	Gamma enolase (2-phospho-D-glycerate hydrolyase)	19.53
Msa.12494.0_f_at	Alpha enolase (2-phospho-D-glycerate-hydrolyase)	5.11
aa033394_at (SW: P00489)	Glycogen phosphorylase	6.75
u48403	Glycerol kinase	1.55
<b>Oxidative metabolism</b>		
aa415929_s_at	NADH-ubiquinone oxidoreductase chain 49 KD subunit	1.41
aa239003_s_at	NADH-ubiquinone oxidoreductase AGGG subunit precursor	2
U37721_s_at	Cytochrome <i>c</i> oxidase subunit VIII precursor (Cox81)	2.26
W53390_f_at	Succinate Dehydrogenase	1.55
M29462_f_at	Malate dehydrogenase	2.63
X51905_f_at	Lactate dehydrogenase B	1.82
Msa.717.0_s_at	Glycerophosphate dehydrogenase	124.51
af004670_s_at	Antioxidant protein 2 (AOP2)	2.5
<b>Membrane regulation of ionic concentration</b>		
x83933_s_at	Ryanodine receptor type 2	32.61
Msa.1868.0_s_at	Vacuolar Adenosine Triphosphatase, subunit B	2.16
Msa1869.0_f_at	Vacuolar Adenosine Triphosphatase, subunit E	2.29
U30840_s_at	Voltage-dependent anion channel 1	1.35
Msa.10561.0_s_at	Sodium/potassium transporting ATPase beta-1 chain	7.95
Msa.11196.0_at	Sodium/potassium transporting ATPase alpha-2 chain	3.45
Msa.18713.0_g_at	Calcium-transporting ATPase sarcoplasmic reticulum type	2.46
Msa.23090.0_s_at	Vacuolar ATP synthase subunit C	2.91
Msa.28655.0_s_at	Vacuolar ATP synthase subunit AC45	5.96
Msa.29770.0_f_at	Vacuolar ATP synthase 16 KD proteolipid subunit	4.23
Msa.8313.0_s_at	Calcium-transporting ATPase endoplasmic reticulum type, class 2	7.79