

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

Table 2. Genes highly expressed in the neonatal hippocampus (clusters 4 and 8)

Accession no.		Fold change: (P1 vs. P30)
Cytoskeletal formation		
Msa.28725.0	Actin, cytoplasmic 1 (beta actin)	1.55
Msa.12411.0_f_at (sp P10982)	Actin-1	1.79
Msa.29217.0_f_at (sp Q03342)	Actin-3	1.71
Msa401.0_f_at	Cytoskeletal gamma actin	2.09
M13442_f_at	Tubulin M-alpha-3	2.28
Msa.10829.0_f_at (sp P33631)	Tubulin beta-1 chain	3.59
Msa.11249.0_f_at (sp P33631)	Tubulin beta-2 chain	4.65
m13445_f_at	Tubulin alpha-1	2.53
Msa.33563.0_f_at (sp P05215)	Tubulin alpha-4	3.29
Msa.14020.0_f_at (sp P09644)	Tubulin alpha-5	2.85
Msa.10568.0_f_at (sp P05216)	Tubulin alpha-6	4.73
Msa.220430_f_at (sp P09645)	Tubulin alpha-8	2.65
Msa.26238.0_s_at (sp P08841)	Tubulin beta-3	8.73
Msa.12584.0_f_at (sp P09652)	Tubulin beta-4 (class III)	10.95
Msa.1257.0_f_at	Tubulin M-alpha-2	1.74
Msa.1258.0_f_at	Tubulin M-alpha-3	3.58
X04663_f_at	Tubulin M-beta-5	4.82
Chaperone functions		
Z31399_s_at	CCT eta subunit (chaperonin containing TCP-1)	1.48
Z31555_s_at	CCTepsilon subunit (chaperonin containing TCP-1)	1.58
Msa.5340_f_at	CCT delta subunit (chaperonin containing TCP-1)	1.83
Z37164_s_at	CCT theta subunit (cystolic chaperonin containing TCP-1)	2.13
Msa.7596.0_f_at (sp P4 8428)	TCP1-chaperonin cofactor A	2.74
Protein turnover		
Msa.15493.0_f_At (sp P26640)	Valyl-tRNA synthetase	4.25
Msa.85920.0_s_at	Threonyl-tRNA synthetase	2.73
Msa.2082.0_s_at	Ubiquitin-conjugating enzyme (UbcM2)	3.01
Msa.6620.0_s_at	Ubiquitin carboxyl-terminal hydrolase	4.39
Msa.21622.0_f_at	Ubiquitin-activating enzyme E1-X	2.24
u54803	Cysteine protease	26.61
Cell adhesion and extracellular matrix		
J04694_s_at	Collagen alpha-1, type IV (col4a-1)	2.71
M18194_f_at	Fibronectin (FN)	4.28
X56304_s_at	Tenascin	45.47
U20365_f_at	Gamma-actin	1.68
X94310_s_at	L1-like protein	2.31
Y00051_at	Neural cell adhesion molecule (NCAM)	2.79

Accession no.		Fold change: (P1 vs. P30)
Cytoskeletal formation		
Msa.2554.0_at	Neural cell adhesion molecule L1 (NCAM-L1)	3.47
D50086_s_at	Neurophilin	2.11
m31131_s_at	Neural cadherin (N-cadherin)	2.12
u54984_s_at	Membrane-type matrix metalloproteinase 1	3.01
Fatty acid and membrane synthesis		
U04827_s_at	Brain fatty acid-binding protein (B-FABP)	8.65
X13135_s_at	Fatty acid synthase	2.93
aa683731_s_at (gb: M15856)	Lipoprotein lipase precursor	2.26
D42048_s_at	Squalene epoxidase	3.55
Msa.4964.0_f_at	Farnesyl pyrophosphate synthetase	2.52
X70100_f_at	Keratinocyte lipid-binding protein	4.16
U13262_s_at	Myelin gene expression factor (MEF-2)	2.56
x83562_s_at	<i>N</i> -glycan alpha 2,8-sialyltransferase	48.94