

Table 1. Genes highly expressed in prenatal hippocampus (cluster 1)

Accession no.		Fold change: (E16 vs. P30)
Mitosis/cell cycle progression		
aa289122_s_at	Cyclin-dependent kinase regulatory subunit 2	17.21
X66032_s_at	Cyclin B2	11.78
af005885_s_at	Cyclin G2	2.71
Msa.25099.0_s_at (sp Q04827)	G1/S-specific cyclin D2	2.98
L01640_s_at	D-type G1 cyclin catalytic subunit (PSK-J3/CDK4)	8.59
Msa.29759.0_f_at (sp P30285)	Cell division protein kinase 4 (PSK-J3)	1.51
M83749_s_at	D-type cyclin (CYL2)	6.76
Msa.7498.0_s_at	GADD45 (Growth arrest and DNA damage-induced protein)	2.07
AF011644_at	Oral tumor suppressor homolog (Doc-1)	11.13
K01700-2_s_at	p53 cellular tumor antigen	21.12
DNA and RNA synthesis		
d12513_f_at	DNA topoisomerase II	21.89
X53068_s_at	Proliferating cell nuclear antigen	2.11
D31966_s_at	RNA polymerase I, 40-kD subunit	4.09
L25125	RNA helicase and RNA-dependent ATPase from DEAD box family	5.11
X63019_s_at	U2-snRNPb (pRNP11)	4.69
Msa.3346.0_s_at (sp P40070)	U6-snRNA-associated protein	1.87
Msa.18074.0_f_at	Unwinding protein 1	8.99
Msa.18312.0_s_at	pre-mRNA splicing factor SRP75	2.87
aa690583_at (gb: X70944)	Myoblast cell surface antigen 24.1D5	3.91
aa269806_s_at (gb: Z35401)	Histone H2A.X	4.37
M37736_f_at	Replication-dependent histone H2A.1	13.03
X13171_s_at	H1 histone subtype H1 (0)	1.88
aa285607_s_at (gb: M37583)	Histone H2A.Z	8.85
Transcriptional regulation		
x17459_s_at	J kappa RS-binding protein	5.76
aa030563_f_at (gb: M90356)	Transcription factor BTF3	7.49
Msa.2969.0_s_at	Neurogenin-2 (ngn2)	8.44
AF004294_at	Myelin transcription factor 1	4.58
X55316_s_at	CAAT-box DNA binding protein subunit B (NF-YB)	3.07
U40825_s_at	WW-domain binding protein-1	2.86
Translational regulation		
C78483_RC_f_at	Elongation factor-1-alpha	2.79
aa145945_f_at (gb: X63526)	Elongation factor-1-gamma	3.92
Msa.15983.0_f_at (sp P29691)	Elongation factor-2 (EF-2)	3.01
Msa.9866.0_s_at	Initiation Factor 2 associated 67-kD glycoprotein	3.26
Msa.4559.0_s_at (sp P41035)	Translational initiation factor 2 beta subunit (EIF-2)	3.02

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Mitosis/cell cycle progression		
aa268341_s_at (TR: E223201)	Ubiquitin-conjugating enzyme E2	23.42
U28917_f_at	60S ribosomal protein A52	3.44
AA589525_RC_f_at	Ribosomal protein L5	3.31
U67771_f_at	Ribosomal protein L8 (RPL8)	4.39
aa050526_f_at	60S ribosomal protein L9	2.57
L04280	Ribosomal protein L12 (RPL12)	6.24
Msa.3380.0_f_at (sp P19253)	60S ribosomal protein L13A	2.27
Mitosis/cell cycle progression		
L04128	Ribosomal protein L18 (RPL18)	4.97
M62952_f_at	Ribosomal protein L19	2.21
K02928_f_at	Ribosomal protein L30	2.53
aa538407_s_at (SW: RL2B)	60S ribosomal protein L23	3.59
aa614984_f_at (gb:K02060)	60S ribosomal protein L32	3.82
AA541910_s_at	60S ribosomal protein L34	3.27
aa015377_f_at	60S ribosomal protein L37	2.33
C78229_RC_f_at	Ribosomal protein S8	2.93
aa036204_s_at (gb: M31520)	40S ribosomal protein S24	2.71
M76763_f_at	Ribosomal protein Ke-3	4.41