

SuppTable5.xls

Supplementary Table 5A. Genes found to be commonly upregulated by at least 50% in response to PGD2 and during sleep deprivation (Terao et al., 2005).

Brain Regions	Probeset Name	Gene Name	Genbank #
BF	M54987_at	Rat corticotropin releasing hormone (CRH) gene, complete cds.	M54987
Hy	AF050663UTR#1_at X13016_at	Activity and neurotransmitter-induced early gene 11 (ania-11) mRNA, 3' UTR CD48 antigen	AF050663 X13016

Supplementary Table 5B. Genes found to be commonly downregulated by at least 50% in response to PGD2 and during sleep deprivation (Terao et al., 2005).

Brain Regions	Probeset Name	Gene Name	Genbank #
BF	L08493cds_s_at M22357_at rc_AI137246_s_at	Rattus norvegicus GABA-A receptor alpha-4 subunit gene, complete cds. Myelin-associated glycoprotein Ig VH193020=anti-insulin 193020 monoclonal antibody heavy chain variable regio	L08493 M22357 S65980
Cx	AF061726_s_at AF081365_s_at rc_AI178835_at	Calpain 3 Potassium inwardly-rectifying channel, subfamily J, member 1 Mitogen activated protein kinase kinase 1	AF061726 AF081365 AI178835
Hy	rc_AI171166_at X60769mRNA_at	Suppression of tumorigenicity 13 (colon carcinoma) Hsp70-interacting protein CCAAT/enhancer binding protein (C/EBP), beta	AI171166 X60769

Supplementary Table 5C. Genes found to be commonly upregulated by at least 50% in response to PGD2 and during recovery sleep (Terao et al., 2005).

Brain Regions	Probeset Name	Gene Name	Genbank #
Hy	U67140_at X13016_at	Disks large-associated protein 4 CD48 antigen	U67140 X13016

Supplementary Table 5D. Genes found to be commonly downregulated by at least 50% in response to PGD2 and during recovery sleep (Terao et al., 2005).

Brain Regions	Probeset Name	Gene Name	Genbank #
BF	M22357_at Z38067exon_g_at	Myelin-associated glycoprotein R.norvegicus DNA for c-myc, exon 2.	M22357 Z38067
Hy	U73142_at	Mitogen activated protein kinase 14	U73142

Gene elements in bold were upregulated during both SD and RS in the same brain region.