

**Supplementary Table 2.**

List of genes commonly downregulated in the microdissected cerebral white matter region after exposure to DBDE at 10, 100, and 1000 ppm ( $\leq 0.5$ -fold)

Accession no.	Gene title	Symbol	DBDE			
			10 ppm	100 ppm	1000 ppm	
Downregulated (16 genes)						
NM_001025420	lymphocyte-specific protein 1	Lsp1	0.18	0.11	0.16	
NM_172222	complement component 2	C2	0.46	0.27	0.17	
AW142962	EST	–	0.19	0.45	0.22	
BF403278	EST	–	0.45	0.33	0.23	
BI291223	EST	–	0.46	0.35	0.24	
NM_145672	chemokine (C-X-C motif) ligand 9	Cxcl9	0.48	0.31	0.27	
AA892204	EST	–	0.29	0.34	0.28	
BI290841	EST	–	0.47	0.35	0.30	
BF416112	EST	–	0.39	0.37	0.31	
NM_130424	transmembrane protease, serine 2	Tmprss2	0.43	0.23	0.32	
AI058852	EST	–	0.36	0.30	0.35	
NM_147135	SH3-binding domain kinase 1	Sbk1	0.22	0.30	0.36	
NM_001007684	Kruppel-like factor 2	Klf2	0.41	0.36	0.38	
NM_022707	phospholamban	Pln	0.25	0.24	0.38	
BE100194	EST	–	0.44	0.37	0.40	
BF567236	EST	–	0.45	0.43	0.45	

DBDE, decabromodiphenyl ether; EST, expressed sequence tag.