

Supplementary Table 1 Subtraction of DHA from NPD1 DNA-Array Signals

GENE	DNA ARRAY	FOLD	GENBANK	
NUMBER	COORDINATE	CHANGE	ACCESSION	GENE/PROTEIN FUNCTION/DESCRIPTION
1	40375_at	3.1	X63741	PILOT; early growth response 3
2*	38604_at	3.1	AI198311	qi61f11.x1 Homo sapiens cDNA; function unknown
3*	34273_at	3.1	AI267373	aq64c09.x1 Homo sapiens cDNA; function unknown
4	31813_at	3.1	AB023185	CaM kinase II alpha; KIAA0968 protein; function unknown
5*	41009_at	3.1	X81896	GENX-3947 mRNA; function unknown
6	37760_at	3.1	AB015019	BAI1-associated protein 2; insulin receptor substrate p53
7	36768_at	3.05	D82347	neurogenic differentiation (NeuroD) protein
8	36740_at	3.05	D31897	Doc2 (Double C2-like domains)
9	32368_at	3	AF061573	protocadherin (PCDH8) mRNA
10	39577_at	3	AL050024	cDNA DKFZp564D206; sclerostin domain containing 1
11*	37572_at	3	AW043690	wy80b07.x1 Homo sapiens cDNA; function unknown
12	34272_at	3	U27768	RGS4; regulator of G-protein 4 signaling
13	40209_at	3	U72671	telencephalin; intercellular adhesion molecule 5
14*	33059_at	3	AF070547	clone 24820 mRNA ; function unknown
15	41685_at	3	AB018295	NY-REN-7 antigen; KIAA0752 protein
16	40655_at	2.9	U94190	serine/threonine kinase with Dbl-pleckstrin homology domains
17	38855_s_at	2.94	D82343	mRNA for AMY; pancortin 1

18	36834_at	2.9	AL080058	cDNA DKFZp564G202; MOXD1; monooxygenase, DBH-like 1
19	34418_at	2.83	AB020709	connector enhancer of KSR2; KIAA0902 protein
20	34277_at	2.82	AB018195	mRNA for carbonic anhydrase-related protein XI
21	40848_g_at	2.76	AB018193	PHC1; polyhomeotic-like-1; KIAA0750 protein
22*	35178_at	2.69	W27944	39g8 cDNA; function unknown
23*	35181_at	2.65	AI539361	te51b05.x1 cDNA; function unknown
24	38205_at	2.63	AB021742	NDRF; neuroD-related factor
25	36764_at	2.62	AC004125	neuronal voltage-gated calcium channel gamma-3 receptor subunit
26*	33742_f_at	2.61	W27838	38f8 cDNA; function unknown
27	41708_at	2.6	AB028957	SATB2 homeodomain protein; KIAA1034 protein
28*	37782_at	2.57	AI636761	ts89f11.x1 cDNA; function unknown
29	37849_at	2.54	AB017167	mRNA for Slit-1 protein; MEGF4; SLIT3
30	40847_at	2.53	AB018293	calponin; flavoprotein oxidoreductase; KIAA0750 protein
31	35469_at	2.52	X57830	serotonin 5-HT2 receptor mRNA; 5-HT2A; HTR2
32	38836_at	2.5	AL008583	dJ327J16.2 (human ortholog of rat neuronal pentraxin receptor)
33	40528_at	2.4	U11701	LIM-homeobox domain protein (hLH-2) mRNA; LIM HOX gene 2
34*	39031_at	2.4	AA152406	zo07f01.s1 cDNA; function unknown
35	41544_at	2.44	AF059617	PLK2; serum-inducible polo-like kinase 2 mRNA
36	32552_at	2.44	X00129	retinol binding protein 4 (RBP4)
37	38263_at	2.4	X98330	mRNA for ryanodine receptor 2; VTSIP

38	31904_at	2.4	U67733	cGMP-stimulated 3,5 -cyclic nucleotide phosphodiesterase PDE2A3
39	34528_at	2.38	AI954713	wq32c11.x1 cDNA function unknown
40	2073_s_at	2.38	L34058	CDH13; cadherin-13 mRNA
41	36065_at	2.37	AF052389	CLIM1; LIM domain binding protein (LDB1) mRNA
42	37623_at	2.36	X75918	NGF1-B/nur77 beta-type transcription factor homolog; NOT; NURR1
43	38003_s_at	2.31	U94905	diacylglycerol kinase zeta mRNA, alternatively spliced; hDGKzeta
44	33771_at	2.3	D86984	T-cell activation leucine repeat-rich protein; KIAA0231 protein
45	41602_at	2.26	AB015202	BDR2; neuron-specific calcium binding protein hippocalcin
46	32796_f_at	2.2	U66061	TCRBJ15; T cell receptor beta joining
47*	40175_at	2.2	AI141670	ot08b12.x1 cDNA; function unknown
48	35048_at	2.2	U10301	GRIA3; glutamate receptor flip isoform (GluR3-flip) AMPA3 mRNA
49*	38174_at	2.1	X99688	mRNA from TYL gene; function unknown
50	32863_at	2.1	AL023754	CAMK1G; Ca2+/Calmodulin dependent kinase-LIKE protein
51	39227_at	2.1	AB006621	PTPRT; protein tyrosine phosphatase, type T; KIAA0283 protein
52	38852_at	2.1	D79989	CENTG1; centaurin gamma; PIKE; KIAA0167 protein
53	32086_at	2	U66561	ZNF184; kruppel-related zinc finger transcription factor (ZNF184)
54	38143_at	2	L33404	KLK7; serine protease 6; stratum corneum chymotryptic enzyme
55	38028_at	2	AL050152	LMO3; neuronal transcription factor; cDNA DKFZp586K1220
56	37552_at	2	U33632	KCNK1; two P-domain K+ channel TWIK-1 receptor mRNA

*These genes have no known function.