

Supplementary Table 4. Gene expression data expressed as fold change over untreated control from JEG-3 cells after exposure to PFOA or GenX

Gene	PFOA 1 μ M		PFOA 100 μ M		GenX 3 μ M		GenX 300 μ M	
	Fold change	P	Fold change	P	Fold change	P	Fold change	P
11BHSD2	-1.06	0.43	-1.03	0.70	-1.00	1.00	-1.01	0.95
17BHSD1	-1.02	0.59	1.17	0.01*	-1.11	0.12	1.23	0.01*
ABCG2	-1.07	0.39	1.18	0.07*	1.18	0.03*	1.26	0.01*
AHR	-1.09	0.31	1.08	0.36	1.04	0.42	-1.04	0.42
AHRR	-1.18	0.02*	1.00	1.00	1.18	0.50	1.19	0.46
CAT	1.02	0.81	-1.06	0.50	1.02	0.27	-1.05	0.05*
CGB5	1.00	1.00	-1.15	0.41	1.08	0.53	1.11	0.40
COX2	-1.11	0.74	1.03	0.92	1.27	0.20	1.27	0.20
CTNNB1	1.00	1.00	1.00	1.00	1.00	1.00	1.15	<0.01*
CYP19A1	-1.05	0.42	1.00	1.00	-1.03	0.78	-1.29	0.05*
CYP1A1	1.05	0.64	1.18	0.15	-1.22	0.14	-1.16	0.25
CYP2E1	-1.20	0.08	1.00	1.00	-1.26	0.36	1.04	0.86
CYP3A5	1.28	0.30	-1.18	0.46	1.19	0.60	-1.83	0.10*
CYP3A7	1.15	0.52	-1.22	0.36	1.01	0.93	-1.25	0.07*
EGFR	1.07	0.47	-1.07	0.46	1.00	1.00	-1.22	0.07*
ENG	1.02	0.81	-1.19	0.10*	1.04	0.42	-1.04	0.42
ESRRA	1.00	1.00	1.00	1.00	1.00	1.00	1.19	0.05*
ESRRG	-1.04	0.86	-1.16	0.47	-1.16	0.21	1.00	1.00
GH2	1.02	0.86	1.12	0.29	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>
GHR	1.00	1.00	1.15	0.22	1.15	0.11	1.11	0.20
GP1B1	1.02	0.76	-1.05	0.54	-1.02	0.86	1.34	0.06*
GPX1	1.00	1.00	-1.14	0.27	-1.18	0.07*	-1.29	0.01*
HIF1A	1.00	1.00	1.00	1.00	1.00	1.00	1.05	0.27
IGF2	1.00	1.00	-1.00	1.00	1.00	1.00	-1.38	0.01*
IGFBP5	-1.13	0.32	-1.02	0.85	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>
IGFR1	1.03	0.75	1.08	0.38	-1.02	0.77	-1.10	0.24
IGFR2	1.05	0.46	1.16	0.04*	1.04	0.56	-1.00	0.95
IL6	-1.05	0.84	1.10	0.70	-1.23	0.34	-1.51	0.09*
MRP1	-1.03	0.60	-1.06	0.32	-1.05	0.57	1.14	0.20
MRP2	1.09	0.65	-1.03	0.87	1.05	0.82	1.00	1.00
MRP3	-1.08	0.66	-1.12	0.51	1.07	0.64	1.44	0.05*
mTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NFKB1	1.00	1.00	1.03	0.27	1.03	0.27	1.03	0.27
NFKB2	1.00	1.00	1.00	1.00	-1.07	0.13	-1.04	0.42
NR3C1	1.09	0.27	1.00	1.00	1.00	1.00	1.00	1.00
PGF	1.00	1.00	-1.00	1.00	1.00	1.00	-1.00	1.00
PMM1	-1.03	0.70	1.07	0.32	-1.05	0.41	1.05	0.43
ROLYR2L	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SLC2A1	-1.02	0.88	-1.11	0.39	-1.04	0.48	-1.13	0.04*
SOD1	1.00	1.00	1.00	1.00	1.00	1.00	1.14	0.05*
TGFB1	1.00	1.00	-1.18	0.16	-1.04	0.51	1.00	1.00
VEGFA	1.00	1.00	1.08	0.11	1.04	0.37	1.27	<0.01*
VEGFB	-1.00	0.95	-1.04	0.36	1.00	1.00	-1.01	0.87
WNT4	1.25	0.26	1.45	0.09*	1.08	0.64	1.20	0.26
WNT6	-1.04	0.84	-1.02	0.91	-1.09	0.43	-1.09	0.43
WNT7B	1.06	0.39	1.06	0.39	1.07	0.55	-1.12	0.36

Abbr: na = not available due to insufficient probe hybridization