

Supplemental Table S14

(A) DDT DMR gene and ovarian disease gene overlap list

DMR Name	Chr	Start	Stop	Length	# SigWin	minP	maxLFC	CpG #	CpG Density	Gene Annotation	Gene Category
DMR3:45373401	3	45373401	45374200	800	1	2.43E-07	0.8835752	22	2.75	Pkp4	Cytoskeleton
DMR4:119058001	4	119058001	119058400	400	1	5.74E-07	1.3713936	11	2.75	Antxr1	Receptor
DMR6:14717401	6	14717401	14718000	600	1	3.14E-09	1.4604111	26	4.333	Nrxn1	Receptor

(B) Vinclozolin DMR gene and ovarian disease oberlap list

DMR Name	Chr	Start	Stop	Length	# SigWin	minP	maxLFC	CpG #	CpG Density	Gene Annotation	Gene Category
DMR3:45373801	3	45373801	45374200	400	1	7.13E-07	1.03094	8	2	Pkp4	Cytoskeleton

(C) DDT mRNA gene and ovarian disease gene overlap list

test_id	ene	Gene	Category	Chr	Start	Stop	log2.fold change	test_stat	p_value	q_value
TCONS_00006495	XLO	Nlrp5		1	7E+07	7.2E+07	-1.472	-4.15	5.00E-05	0.0104589
TCONS_00043370	XLO	Spp1	Signaling	14	7E+06	6680000	-1.388	-3.82	5.00E-05	0.0104589
TCONS_00053580	XLO	Cpe	Protease	16	3E+07	2.70E+07	-1.574	-3.42	5.00E-05	0.0104589
TCONS_00064318	XLO	Egr1	Cell Cycle	18	3E+07	2.8E+07	1.19	2.91	5.00E-05	0.0104589
TCONS_00070187	XLO	Mmp2	Proteolysis	19	2E+07	1.6E+07	2.568	4.22	5.00E-05	0.0104589
TCONS_00076568	XLO	Ghr	Receptor	2	5E+07	5.3E+07	-1.415	-2.86	5.00E-05	0.0104589
TCONS_00077539	XLO	Bche	Metabolism	2	2E+08	1.71E+08	-1.789	-5.25	5.00E-05	0.0104589
TCONS_00087000	XLO	Ctnna3	Cytoskeleton	20	3E+07	2.6E+07	-1.891	-2.65	5.00E-05	0.0104589
TCONS_00128024	XLO	Igf1	Growth Factors	7	3E+07	2.9E+07	-1.341	-2.54	5.00E-05	0.0104589
TCONS_00145998	XLO	Col3a1	Cytoskeleton	9	5E+07	5.2E+07	1.725	5.07	5.00E-05	0.0104589

(D) Vinclozolin mRNA gene and ovarian disease gene overlap list

test_id	ene	Gene	Category	Chr	Start	Stop	g2.fold_chang	test_stat	p_value	q_value
TCONS_00006495	XLO	Nlrp5		1	7E+07	7.2E+07	-1.2	-3.44	5.00E-05	0.0104589
TCONS_00008423	XLO	Hbb	Metabolism	1	2E+08	1.69E+08	-1.023	-2.77	5.00E-05	0.0104589
TCONS_00008760	XLO	Zp2	Receptor	1	2E+08	1.90E+08	-1.183	-3.32	5.00E-05	0.0104589
TCONS_00010114	XLO	Zp1	Cytoskeleton	1	2E+08	2.27E+08	-1.414	-2.82	5.00E-05	0.0104589
TCONS_00018514	XLO	Gdf9	Signaling	10	4E+07	3.9E+07	-1.005	-2.97	5.00E-05	0.0104589
TCONS_00019043	XLO	Ybx2	Transcription	10	6E+07	5.7E+07	-0.934	-2.41	5.00E-05	0.0104589
TCONS_00034050	XLO	Zp3	Receptor	12	2E+07	2.4E+07	-1.333	-3.97	5.00E-05	0.0104589
TCONS_00043792	XLO	Zar1		14	4E+07	3.8E+07	-1.014	-2.88	5.00E-05	0.0104589
TCONS_00049627	XLO	Npm2	Translation	15	5E+07	5.2E+07	-0.977	-2.7	5.00E-05	0.0104589
TCONS_00064318	XLO	Egr1	Cell Cycle	18	3E+07	2.8E+07	1.669	4.59	5.00E-05	0.0104589
TCONS_00140149	XLO	Cyp19a1	Metabolism	8	6E+07	5.9E+07	1.043	2.58	5.00E-05	0.0104589
TCONS_00152758	XLO	Bmp15	Growth Factors	X	2E+07	1.70E+07	-0.843	-2.51	5.00E-05	0.0104589