

Supplemental Table S11

Site Table mRNA Granulosa DDT 1e-04

test_id	Chr	Start	log2.fold_change.	p_value	q_value	Gene	Category
TCONS_00002849	1	162549419	-1.248	5.00E-05	1.05E-02	Rsf1	
TCONS_00003315	1	185210921	-0.918	5.00E-05	1.05E-02	Pik3c2a	Signaling
TCONS_00003997	1	214428203	4.087	5.00E-05	1.05E-02	LOC100911575	Transcription
TCONS_00004002	1	214446546	-2.378	5.00E-05	1.05E-02	LOC100911730	Signaling
TCONS_00004303	1	221504172	-0.95	5.00E-05	1.05E-02	Arl2	Signaling
TCONS_00005676	1	15893532	-0.83	5.00E-05	1.05E-02	Pde7b	Signaling
TCONS_00006238	1	59288620	-0.957	5.00E-05	1.05E-02	Lnpep	Proteolysis
TCONS_00006495	1	71453574	-1.472	5.00E-05	1.05E-02	Nlrp5	
TCONS_00006714	1	80212980	3.087	5.00E-05	1.05E-02	Fosb	Transcription
TCONS_00007942	1	141561333	-1.475	5.00E-05	1.05E-02	Anpep	Metabolism
TCONS_00008043	1	146069770	-1.96	5.00E-05	1.05E-02	Cemip	
TCONS_00010242	1	237893965	-1.496	5.00E-05	1.05E-02	Anxa1	Binding Protein
TCONS_00010404	1	252537614	1.461	5.00E-05	1.05E-02	Acta2	Cytoskeleton
TCONS_00010708	1	266908368	-1.116	5.00E-05	1.05E-02	Calhm2	
TCONS_00010972	1	2314379	Inf	5.00E-05	1.05E-02	-	
TCONS_00011777	1	30956157		5.00E-05	1.05E-02	-	
TCONS_00013932	1	124699893		5.00E-05	1.05E-02	-	
TCONS_00016738	1	245277143	Inf	5.00E-05	1.05E-02	-	
TCONS_00016884	1	249706436	Inf	5.00E-05	1.05E-02	-	
TCONS_00017567	1	279105717		5.00E-05	1.05E-02	-	
TCONS_00017711	10	764415	2.034	5.00E-05	1.05E-02	Myh11	Cytoskeleton
TCONS_00019861	10	82745800	2.406	5.00E-05	1.05E-02	Col1a1	Extracellular Matrix
TCONS_00020318	10	94170156	-1.298	5.00E-05	1.05E-02	Ace	Metabolism
TCONS_00021566	10	35800941	-0.697	5.00E-05	1.05E-02	Canx	Protein Binding
TCONS_00022832	10	81936443	-1.264	5.00E-05	1.05E-02	Wfikkn2	Unknown
TCONS_00023887	10	110189710		5.00E-05	1.05E-02	-	
TCONS_00024912	10	33640835		5.00E-05	1.05E-02	-	
TCONS_00025260	10	43400796	Inf	5.00E-05	1.05E-02	-	
TCONS_00025372	10	46284655		5.00E-05	1.05E-02	-	
TCONS_00026558	10	85592850	Inf	5.00E-05	1.05E-02	-	
TCONS_00026649	10	88191329	Inf	5.00E-05	1.05E-02	-	
TCONS_00027984	11	50779343	-1.294	5.00E-05	1.05E-02	Alcam	Signaling
TCONS_00028801	11	25404405	-2.296	5.00E-05	1.05E-02	Adamts5	Proteolysis
TCONS_00028803	11	25404405	-1.761	5.00E-05	1.05E-02	Adamts5	Proteolysis
TCONS_00029103	11	45031035	-1.895	5.00E-05	1.05E-02	Filip1l	
TCONS_00029277	11	61994149	-1.764	5.00E-05	1.05E-02	Zbtb20	Transcription
TCONS_00029342	11	66761583	-2.315	5.00E-05	1.05E-02	Golgb1	Golgi
TCONS_00029578	11	79192524	-1.045	5.00E-05	1.05E-02	Lpp	Cytoskeleton
TCONS_00031392	11	68866207		5.00E-05	1.05E-02	-	
TCONS_00032865	12	36694959	0.974	5.00E-05	1.05E-02	Scarb1	Receptor
TCONS_00035572	12	30037083	2.583	5.00E-05	1.05E-02	-	
TCONS_00036657	13	67578260	-1.214	5.00E-05	1.05E-02	Tpr	Receptor
TCONS_00037526	13	113691931	1.569	5.00E-05	1.05E-02	Cd34	Immune
TCONS_00037888	13	50913179	1.304	5.00E-05	1.05E-02	Btg2	Transcription
TCONS_00038895	13	109817727	2.627	5.00E-05	1.05E-02	Atf3	Transcription
TCONS_00042406	14	48726044	-1.457	5.00E-05	1.05E-02	Arap2	Signaling
TCONS_00042539	14	73738136	-1.323	5.00E-05	1.05E-02	Bod1l1	
TCONS_00043370	14	6673685	-1.388	5.00E-05	1.05E-02	Spp1	Signaling
TCONS_00043745	14	35527926	1.794	5.00E-05	1.05E-02	Pdgfra	Growth Factors & Cytokines
TCONS_00044000	14	60958591	2.036	5.00E-05	1.05E-02	Sod3	Metabolism

TCONS_00045780	14	43717842	Inf		5.00E-05	1.05E-02	-	
TCONS_00047253	14	114752969	Inf		5.00E-05	1.05E-02	-	
TCONS_00047497	15	15275540		-1.156	5.00E-05	1.05E-02	Cadps	Metabolism
TCONS_00048054	15	41448063		-1.325	5.00E-05	1.05E-02	Sacs	
TCONS_00048082	15	42640145		-1.281	5.00E-05	1.05E-02	Clu	Apoptosis
TCONS_00048202	15	50891126		-0.999	5.00E-05	1.05E-02	Stc1	Growth Factors & Cytokines
TCONS_00049361	15	38105731		-0.963	5.00E-05	1.05E-02	Zdhhc20	Unknown
TCONS_00049750	15	71772776		-1.829	5.00E-05	1.05E-02	Pcdh20	Extracellular Matrix
TCONS_00049767	15	77712488		-1.088	5.00E-05	1.05E-02	Pcdh9	Extracellular Matrix
TCONS_00049780	15	82095853		-0.948	5.00E-05	1.05E-02	Dach1	Transcription
TCONS_00050180	15	2657063	Inf		5.00E-05	1.05E-02	-	
TCONS_00050748	15	23358679		-2.422	5.00E-05	1.05E-02	-	
TCONS_00052281	15	77448193			5.00E-05	1.05E-02	-	
TCONS_00052344	15	77589286	Inf		5.00E-05	1.05E-02	-	
TCONS_00053580	16	26906715		-1.574	5.00E-05	1.05E-02	Cpe	Protease
TCONS_00053642	16	40050733		-0.788	5.00E-05	1.05E-02	Spcs3	Protease
TCONS_00053938	16	70705480		-1.183	5.00E-05	1.05E-02	Hook3	Transport
TCONS_00054192	16	83522161		1.274	5.00E-05	1.05E-02	Col4a1	Cytoskeleton
TCONS_00054849	16	32733955		-0.986	5.00E-05	1.05E-02	Mfap3l	Cytoskeleton
TCONS_00054957	16	49543141		-1.232	5.00E-05	1.05E-02	Pdlim3	Cytoskeleton
TCONS_00055569	16	2096926	Inf		5.00E-05	1.05E-02	-	
TCONS_00056774	16	61908844	Inf		5.00E-05	1.05E-02	-	
TCONS_00058900	17	83217452		-2.626	5.00E-05	1.05E-02	Plxdc2	Binding Protein
TCONS_00060675	17	90553393		0.904	5.00E-05	1.05E-02	Nid1	Cytoskeleton
TCONS_00064318	18	27657627		1.19	5.00E-05	1.05E-02	Egr1	Cell Cycle
TCONS_00064337	18	28358373		-0.983	5.00E-05	1.05E-02	Matr3	Transcription
TCONS_00065255	18	87580235		-0.881	5.00E-05	1.05E-02	Tmx3	Metabolism
TCONS_00065796	18	47500329		-1.683	5.00E-05	1.05E-02	Lox	Metabolism
TCONS_00065834	18	49826705		-1.415	5.00E-05	1.05E-02	Zfp608	
TCONS_00067893	18	57352451	Inf		5.00E-05	1.05E-02	-	
TCONS_00068968	19	20607506		-0.837	5.00E-05	1.05E-02	Cbln1	Development
TCONS_00069519	19	41482727		1.883	5.00E-05	1.05E-02	Calb2	Signaling
TCONS_00070187	19	15542764		2.568	5.00E-05	1.05E-02	Mmp2	Proteolysis
TCONS_00070407	19	26092973		0.851	5.00E-05	1.05E-02	Junb	Transcription
TCONS_00073094	2	28049216		1.002	5.00E-05	1.05E-02	Enc1	Cytoskeleton
TCONS_00073385	2	53105415		1.97	5.00E-05	1.05E-02	Sepp1	Metabolism
TCONS_00073447	2	58534475		-1.091	5.00E-05	1.05E-02	Lmbrd2	
TCONS_00073641	2	85377317		-0.93	5.00E-05	1.05E-02	Sema5a	Signaling
TCONS_00073732	2	94377071		-0.945	5.00E-05	1.05E-02	Zfp704	Transcription
TCONS_00074321	2	153803348		-1.274	5.00E-05	1.05E-02	Mme	Protease
TCONS_00075431	2	216863427		-1.605	5.00E-05	1.05E-02	Col11a1	Cytoskeleton
TCONS_00076568	2	53149142		-1.415	5.00E-05	1.05E-02	Ghr	Receptor
TCONS_00076612	2	56502806		2.029	5.00E-05	1.05E-02	Egflam	
TCONS_00076925	2	109487428		-2.49	5.00E-05	1.05E-02	7SK	
TCONS_00077207	2	145011417		-0.932	5.00E-05	1.05E-02	Mab21l1	Signaling
TCONS_00077539	2	171100139		-1.789	5.00E-05	1.05E-02	Bche	Metabolism
TCONS_00077554	2	174320888		-1.078	5.00E-05	1.05E-02	Golim4	Golgi
TCONS_00078086	2	198360300		-1.89	5.00E-05	1.05E-02	Hist2h2ac	Transcription
TCONS_00078431	2	218654553		-0.966	5.00E-05	1.05E-02	S1pr1	Receptor
TCONS_00079100	2	7153656			5.00E-05	1.05E-02	-	
TCONS_00081765	2	139830813	Inf		5.00E-05	1.05E-02	-	
TCONS_00085390	20	12657916		2.546	5.00E-05	1.05E-02	Col6a1	Cytoskeleton
TCONS_00085394	20	12773426		2.41	5.00E-05	1.05E-02	Col6a2	Extracellular Matrix

TCONS_00085665	20	27343648	-0.965	5.00E-05	1.05E-02	Tet1	
TCONS_00085674	20	27832931	-1.08	5.00E-05	1.05E-02	Gcc2	
TCONS_00085681	20	28027046	-0.889	5.00E-05	1.05E-02	Ranbp2	Signaling
TCONS_00086978	20	22454462	1.416	5.00E-05	1.05E-02	Egr2	Cell Cycle
TCONS_00087000	20	25054615	-1.891	5.00E-05	1.05E-02	Ctnna3	Cytoskeleton
TCONS_00089165	3	7681241	-1.379	5.00E-05	1.05E-02	Setx	Development
TCONS_00089681	3	39547576	Inf	5.00E-05	1.05E-02	-	
TCONS_00090069	3	71210300	-1.082	5.00E-05	1.05E-02	Fam171b	EST
TCONS_00090408	3	92403320	-2.139	5.00E-05	1.05E-02	Pamr1	Protease
TCONS_00091801	3	160713727	1.486	5.00E-05	1.05E-02	Svs5	Development
TCONS_00093285	3	63751356	1.991	5.00E-05	1.05E-02	-	
TCONS_00093635	3	80892434	1.771	5.00E-05	1.05E-02	Creb3l1	Transcription
TCONS_00093766	3	94702662	-0.917	5.00E-05	1.05E-02	Qser1	Development
TCONS_00093911	3	110303512	-1.325	5.00E-05	1.05E-02	Bmf	Apoptosis
TCONS_00095148	3	171092945	2.592	5.00E-05	1.05E-02	Uchl3	Protease
TCONS_00099634	3	156270288	Inf	5.00E-05	1.05E-02	-	
TCONS_00100878	4	41359361	-1.477	5.00E-05	1.05E-02	Foxp2	Transcription
TCONS_00101091	4	62102969	-2.096	5.00E-05	1.05E-02	Cald1	Metabolism
TCONS_00101455	4	82776745	-0.866	5.00E-05	1.05E-02	Tax1bp1	Receptor
TCONS_00101746	4	104949596	-2.808	5.00E-05	1.05E-02	Fam50a	Unknown
TCONS_00101812	4	113948252	-4.202	5.00E-05	1.05E-02	Mogs	Metabolism
TCONS_00102771	4	162934194	-1.411	5.00E-05	1.05E-02	Clec2g	Cytoskeleton
TCONS_00102979	4	180291388	-1.004	5.00E-05	1.05E-02	Sspn	Development
TCONS_00103211	4	10295121	-1.687	5.00E-05	1.05E-02	Fgl2	Cytoskeleton
TCONS_00103254	4	16496894	-2.583	5.00E-05	1.05E-02	Pclo	Extracellular Matrix
TCONS_00103418	4	38659383	-2.248	5.00E-05	1.05E-02	Thsd7a	Extracellular Matrix
TCONS_00103698	4	66900029	-1.231	5.00E-05	1.05E-02	Kdm7a	
TCONS_00104221	4	107881825	-1.037	5.00E-05	1.05E-02	Ctnna2	Signaling
TCONS_00104302	4	115215059	5.221	5.00E-05	1.05E-02	Actg2	Cytoskeleton
TCONS_00105287	4	170856750	2.158	5.00E-05	1.05E-02	Mgp	Development
TCONS_00105396	4	179259307	-1.303	5.00E-05	1.05E-02	Bcat1	Metabolism
TCONS_00105826	4	12523031	Inf	5.00E-05	1.05E-02	-	
TCONS_00106182	4	35019505	Inf	5.00E-05	1.05E-02	-	
TCONS_00106415	4	48447705		5.00E-05	1.05E-02	-	
TCONS_00108056	4	118911962	Inf	5.00E-05	1.05E-02	-	
TCONS_00109989	5	8666199	-0.832	5.00E-05	1.05E-02	Arfgef1	Translation
TCONS_00110096	5	24410862	-1.13	5.00E-05	1.05E-02	Tp53inp1	DNA Repair
TCONS_00110467	5	61557356	-1.07	5.00E-05	1.05E-02	Tdrd7	Transcription
TCONS_00110741	5	90419019	-0.904	5.00E-05	1.05E-02	Rasef	Signaling
TCONS_00111391	5	137670122	3.435	5.00E-05	1.05E-02	Ebna1bp2	
TCONS_00112547	5	7623073	-1.517	5.00E-05	1.05E-02	Prex2	Signaling
TCONS_00112609	5	13033917	-1.003	5.00E-05	1.05E-02	Rb1cc1	Transcription
TCONS_00112860	5	40844997	-0.967	5.00E-05	1.05E-02	Manea	Golgi
TCONS_00113034	5	59016621	2.731	5.00E-05	1.05E-02	Tpm2	Cytoskeleton
TCONS_00113234	5	73908671	-1.136	5.00E-05	1.05E-02	Tmem245	
TCONS_00113464	5	90027471	-1.321	5.00E-05	1.05E-02	Frmd3	Signaling
TCONS_00113765	5	124568035	-0.995	5.00E-05	1.05E-02	Prkaa2	Signaling
TCONS_00114080	5	140107274	-0.755	5.00E-05	1.05E-02	Rlf	Transcription
TCONS_00115753	5	25307042		5.00E-05	1.05E-02	-	
TCONS_00118238	5	144766247	Inf	5.00E-05	1.05E-02	-	
TCONS_00118854	5	161766085		5.00E-05	1.05E-02	-	
TCONS_00119131	5	172819388	Inf	5.00E-05	1.05E-02	-	
TCONS_00119181	6	788547	-1.191	5.00E-05	1.05E-02	Crim1	Development

TCONS_00119182	6	788547	-1.327	5.00E-05	1.05E-02	Crim1	Development
TCONS_00119322	6	10306404	-0.862	5.00E-05	1.05E-02	Epas1	Transcription
TCONS_00119755	6	37555181	-1.208	5.00E-05	1.05E-02	Fam49a	Unknown
TCONS_00119782	6	42176244	-1.274	5.00E-05	1.05E-02	Rock2	Signaling
TCONS_00120034	6	64223244	-1.163	5.00E-05	1.05E-02	Pnpla8	
TCONS_00120102	6	73344994	-1.116	5.00E-05	1.05E-02	Arhgap5	Signaling
TCONS_00120441	6	99041269	-1.064	5.00E-05	1.05E-02	Syne2	
TCONS_00120754	6	109300432	1.538	5.00E-05	1.05E-02	Fos	Transcription
TCONS_00121764	6	25149234	-1.304	5.00E-05	1.05E-02	Xdh	Metabolism
TCONS_00121962	6	31049747	1.911	5.00E-05	1.05E-02	-	
TCONS_00122147	6	50883786	-0.862	5.00E-05	1.05E-02	Bcap29	Transport
TCONS_00122262	6	65089317	-1.372	5.00E-05	1.05E-02	Stxbp6	Receptor
TCONS_00122997	6	125741320	-1.175	5.00E-05	1.05E-02	Trip11	Receptor
TCONS_00125173	6	56513479	Inf	5.00E-05	1.05E-02	-	
TCONS_00125210	6	59939993		5.00E-05	1.05E-02	-	
TCONS_00125516	6	75874925		5.00E-05	1.05E-02	-	
TCONS_00127381	7	1206647	-1.08	5.00E-05	1.05E-02	Pros1	Apoptosis
TCONS_00127511	7	3246219	-0.919	5.00E-05	1.05E-02	Sarnp	Transcription
TCONS_00128024	7	28409925	-1.341	5.00E-05	1.05E-02	Igf1	Growth Factors & Cytokines
TCONS_00128086	7	34533542	-2.095	5.00E-05	1.05E-02	Ntn4	Extracellular Matrix
TCONS_00128166	7	38819770	2.325	5.00E-05	1.05E-02	Lum	Receptor
TCONS_00128717	7	94375019	-1.75	5.00E-05	1.05E-02	Nov	Development
TCONS_00130459	7	15014415	-0.781	5.00E-05	1.05E-02	LOC100364912	
TCONS_00130823	7	49047012	-0.789	5.00E-05	1.05E-02	Acss3	Metabolism
TCONS_00131374	7	93798544	-2.797	5.00E-05	1.05E-02	Tnfrsf11b	Apoptosis
TCONS_00131425	7	98059876	-1.434	5.00E-05	1.05E-02	Fbxo32	Transcription
TCONS_00133619	7	36543164	1.542	5.00E-05	1.05E-02	-	
TCONS_00136779	7	144612475	Inf	5.00E-05	1.05E-02	-	
TCONS_00136922	8	12692600	-0.945	5.00E-05	1.05E-02	Sesn3	Metabolism
TCONS_00137386	8	42442861	3.417	5.00E-05	1.05E-02	Vwa5a	Development
TCONS_00137731	8	60709850	-0.691	5.00E-05	1.05E-02	Rcn2	Signaling
TCONS_00138889	8	118802863	-1.248	5.00E-05	1.05E-02	Setd2	Transcription
TCONS_00139026	8	127271009	1.302	5.00E-05	1.05E-02	Itga9	Extracellular Matrix
TCONS_00141004	8	105322579	-0.929	5.00E-05	1.05E-02	Clstn2	Metabolism
TCONS_00141207	8	114927721	0.826	5.00E-05	1.05E-02	Alas1	Metabolism
TCONS_00141427	8	120450262		5.00E-05	1.05E-02	-	
TCONS_00145618	9	20763198	-1.127	5.00E-05	1.05E-02	Cd2ap	Signaling
TCONS_00145998	9	52023294	1.725	5.00E-05	1.05E-02	Col3a1	Cytoskeleton
TCONS_00146309	9	73204781	-1.179	5.00E-05	1.05E-02	Map2	Cytoskeleton
TCONS_00146468	9	82556572	4.175	5.00E-05	1.05E-02	Des	Cytoskeleton
TCONS_00146809	9	98190828	-1.505	5.00E-05	1.05E-02	Lrrfip1	Transcription
TCONS_00147641	9	19518557	-0.878	5.00E-05	1.05E-02	Rcan2	Development
TCONS_00147708	9	27366411	1.241	5.00E-05	1.05E-02	Gsta1	Metabolism
TCONS_00149038	9	119593736	1.001	5.00E-05	1.05E-02	Emilin2	Extracellular Matrix
TCONS_00151444	9	100071479		5.00E-05	1.05E-02	-	
TCONS_00152051	9	119922041	Inf	5.00E-05	1.05E-02	-	
TCONS_00153096	X	40460046	-1.063	5.00E-05	1.05E-02	Phex	Protease
TCONS_00153143	X	48779109	-1.068	5.00E-05	1.05E-02	Tmem47	Unknown
TCONS_00153867	X	112769226	-1.211	5.00E-05	1.05E-02	Col4a5	
TCONS_00153930	X	119030418	-1.031	5.00E-05	1.05E-02	Pls3	Cytoskeleton
TCONS_00154786	X	26314484	-1.086	5.00E-05	1.05E-02	Arhgap6	Cytoskeleton
TCONS_00156002	X	139579267	1.542	5.00E-05	1.05E-02	Gpc3	Cytoskeleton
TCONS_00156171	X	157319045	1.501	5.00E-05	1.05E-02	Bgn	Receptor

TCONS_00156342	X	5213145	Inf	5.00E-05	1.05E-02	-	
TCONS_00158350	X	80080755		5.00E-05	1.05E-02	-	
TCONS_00158561	X	97054020		5.00E-05	1.05E-02	-	