

**Supplemental Table S10**

**Site Table mRNA Granulosa Vinclozolin 1e-04**

test_id	Chr	Start	log2.fold_change.	p_value	q_value	Gene	Category
TCONS_00002559	1	140761887	Inf	5.00E-05	1.05E-02	-	
TCONS_00003130	1	171305978	-0.999	5.00E-05	1.05E-02	Nlrp14	
TCONS_00003997	1	214428203	5.074	5.00E-05	1.05E-02	LOC100911575	Transcription
TCONS_00004002	1	214446546	-1.695	5.00E-05	1.05E-02	LOC100911730	Signaling
TCONS_00005778	1	24185434	1.08	5.00E-05	1.05E-02	Sgk1	Signaling
TCONS_00006495	1	71453574	-1.2	5.00E-05	1.05E-02	Nlrp5	
TCONS_00006507	1	71859389	-0.752	5.00E-05	1.05E-02	Nlrp9	
TCONS_00006568	1	73082759	-1.292	5.00E-05	1.05E-02	LOC684545	
TCONS_00006714	1	80212980	2.095	5.00E-05	1.05E-02	Fosb	Transcription
TCONS_00008423	1	168971273	-1.023	5.00E-05	1.05E-02	Hbb	Metabolism
TCONS_00008760	1	189899891	-1.183	5.00E-05	1.05E-02	Zp2	Receptor
TCONS_00009638	1	218652916	-0.983	5.00E-05	1.05E-02	Gal	Signaling
TCONS_00010114	1	226966365	-1.414	5.00E-05	1.05E-02	Zp1	Cytoskeleton
TCONS_00010143	1	228032330	-1.122	5.00E-05	1.05E-02	Oosp1	Signaling
TCONS_00010511	1	259641675	3.422	5.00E-05	1.05E-02	AC096370.2	
TCONS_00011198	1	11346559	Inf	5.00E-05	1.05E-02	-	
TCONS_00011329	1	14626910	Inf	5.00E-05	1.05E-02	-	
TCONS_00011777	1	30956157		5.00E-05	1.05E-02	-	
TCONS_00012342	1	49000362	Inf	5.00E-05	1.05E-02	-	
TCONS_00012825	1	70317540		5.00E-05	1.05E-02	-	
TCONS_00012986	1	79374528	Inf	5.00E-05	1.05E-02	-	
TCONS_00012988	1	79389315	Inf	5.00E-05	1.05E-02	-	
TCONS_00013063	1	82303412	Inf	5.00E-05	1.05E-02	-	
TCONS_00013569	1	101457394	Inf	5.00E-05	1.05E-02	-	
TCONS_00015354	1	188714047	Inf	5.00E-05	1.05E-02	-	
TCONS_00015435	1	192182615	Inf	5.00E-05	1.05E-02	-	
TCONS_00016269	1	224835689	Inf	5.00E-05	1.05E-02	-	
TCONS_00017308	1	265473073	Inf	5.00E-05	1.05E-02	-	
TCONS_00017524	1	277040704	Inf	5.00E-05	1.05E-02	-	
TCONS_00018188	10	16970625	1.882	5.00E-05	1.05E-02	Dusp1	Signaling
TCONS_00018514	10	38788415	-1.005	5.00E-05	1.05E-02	Gdf9	Signaling
TCONS_00019043	10	56546709	-0.934	5.00E-05	1.05E-02	Ybx2	Transcription
TCONS_00020318	10	94170156	-0.869	5.00E-05	1.05E-02	Ace	Metabolism
TCONS_00023887	10	110189710		5.00E-05	1.05E-02	-	
TCONS_00024352	10	10630188	Inf	5.00E-05	1.05E-02	-	
TCONS_00024519	10	15696240	Inf	5.00E-05	1.05E-02	-	
TCONS_00025054	10	37377118	Inf	5.00E-05	1.05E-02	-	
TCONS_00025414	10	47682216	Inf	5.00E-05	1.05E-02	-	
TCONS_00025760	10	58210060		5.00E-05	1.05E-02	-	
TCONS_00030368	11	28664102	Inf	5.00E-05	1.05E-02	-	
TCONS_00031588	11	74161767	Inf	5.00E-05	1.05E-02	-	
TCONS_00034050	12	23735222	-1.333	5.00E-05	1.05E-02	Zp3	Receptor
TCONS_00034430	12	41214586	-0.893	5.00E-05	1.05E-02	Oas1h	Metabolism
TCONS_00034970	12	9907386	Inf	5.00E-05	1.05E-02	-	
TCONS_00035239	12	17242610	Inf	5.00E-05	1.05E-02	-	

TCONS_00035572	12	30037083		3.001	5.00E-05	1.05E-02	-	
TCONS_00036012	12	47401550	Inf		5.00E-05	1.05E-02	-	
TCONS_00037524	13	113373577		-0.855	5.00E-05	1.05E-02	Plxna2	Receptor
TCONS_00037888	13	50913179		1.819	5.00E-05	1.05E-02	Btg2	Transcription
TCONS_00038316	13	80517535		-1.29	5.00E-05	1.05E-02	Myoc	Cytoskeleton
TCONS_00038895	13	109817727		3.815	5.00E-05	1.05E-02	Atf3	Transcription
TCONS_00039358	13	34212761	Inf		5.00E-05	1.05E-02	-	
TCONS_00040411	13	74688831	Inf		5.00E-05	1.05E-02	-	
TCONS_00042438	14	60338229			5.00E-05	1.05E-02	-	
TCONS_00042624	14	80248139		-1.099	5.00E-05	1.05E-02	Htra3	
TCONS_00043792	14	37759775		-1.014	5.00E-05	1.05E-02	Zar1	
TCONS_00045079	14	11690004	Inf		5.00E-05	1.05E-02	-	
TCONS_00046596	14	85227134		1.99	5.00E-05	1.05E-02	-	
TCONS_00049627	15	52337229		-0.977	5.00E-05	1.05E-02	Npm2	Translation
TCONS_00051012	15	34293352		1.619	5.00E-05	1.05E-02	-	
TCONS_00051017	15	34406204	Inf		5.00E-05	1.05E-02	-	
TCONS_00051926	15	62514592	Inf		5.00E-05	1.05E-02	-	
TCONS_00052524	15	86129227	Inf		5.00E-05	1.05E-02	-	
TCONS_00055303	16	75322952	Inf		5.00E-05	1.05E-02	-	
TCONS_00055735	16	8126736			5.00E-05	1.05E-02	-	
TCONS_00055872	16	15634003	Inf		5.00E-05	1.05E-02	-	
TCONS_00056044	16	20819081	Inf		5.00E-05	1.05E-02	-	
TCONS_00057090	16	70322694	Inf		5.00E-05	1.05E-02	-	
TCONS_00057240	16	75878985	Inf		5.00E-05	1.05E-02	-	
TCONS_00058669	17	65497358		-1.691	5.00E-05	1.05E-02	Zp4	Cytoskeleton
TCONS_00059266	17	8982586		-4.67	5.00E-05	1.05E-02	-	
TCONS_00063090	17	63929883	Inf		5.00E-05	1.05E-02	-	
TCONS_00063433	17	77386750			5.00E-05	1.05E-02	-	
TCONS_00064318	18	27657627		1.669	5.00E-05	1.05E-02	Egr1	Cell Cycle
TCONS_00067675	18	49782718	Inf		5.00E-05	1.05E-02	-	
TCONS_00067802	18	54960453	Inf		5.00E-05	1.05E-02	-	
TCONS_00067950	18	60363182	Inf		5.00E-05	1.05E-02	-	
TCONS_00068968	19	20607506		-1.059	5.00E-05	1.05E-02	Cbln1	Development
TCONS_00070407	19	26092973		1.385	5.00E-05	1.05E-02	Junb	Transcription
TCONS_00071751	19	26962020	Inf		5.00E-05	1.05E-02	-	
TCONS_00073094	2	28049216		0.936	5.00E-05	1.05E-02	Enc1	Cytoskeleton
TCONS_00073298	2	45167341		-1.219	5.00E-05	1.05E-02	RGD1561161	Unknown
TCONS_00073339	2	49682394		-0.981	5.00E-05	1.05E-02	Emb	Unknown
TCONS_00076746	2	84355141		-0.911	5.00E-05	1.05E-02	Ankrd33b	Transcription
TCONS_00077796	2	187903300		-1.264	5.00E-05	1.05E-02	Rab25	Signaling
TCONS_00078431	2	218654553		-0.891	5.00E-05	1.05E-02	S1pr1	Receptor
TCONS_00079084	2	6273545	Inf		5.00E-05	1.05E-02	-	
TCONS_00079306	2	19821167	Inf		5.00E-05	1.05E-02	-	
TCONS_00079350	2	22019385	Inf		5.00E-05	1.05E-02	-	
TCONS_00079459	2	26497277			5.00E-05	1.05E-02	-	
TCONS_00079758	2	34051841	Inf		5.00E-05	1.05E-02	-	
TCONS_00081336	2	113462470	Inf		5.00E-05	1.05E-02	-	
TCONS_00081441	2	117917077		1.833	5.00E-05	1.05E-02	-	

TCONS_00081569	2	123952760		5.00E-05	1.05E-02	-	
TCONS_00081812	2	141357418	Inf	5.00E-05	1.05E-02	-	
TCONS_00082203	2	154241503	Inf	5.00E-05	1.05E-02	-	
TCONS_00082570	2	177204757	Inf	5.00E-05	1.05E-02	-	
TCONS_00084055	2	240217129		5.00E-05	1.05E-02	-	
TCONS_00084281	2	250651390		5.00E-05	1.05E-02	-	
TCONS_00084347	2	252383012	Inf	5.00E-05	1.05E-02	-	
TCONS_00085304	20	9643611	-0.957	5.00E-05	1.05E-02	Umodl1	
TCONS_00085380	20	12220088	-1.048	5.00E-05	1.05E-02	Col18a1	Extracellular Matrix
TCONS_00086978	20	22454462	1.896	5.00E-05	1.05E-02	Egr2	Cell Cycle
TCONS_00087082	20	29509288	0.957	5.00E-05	1.05E-02	Ddit4	Cell Cycle
TCONS_00087288	20	45401233	Inf	5.00E-05	1.05E-02	-	
TCONS_00087702	20	10722015	Inf	5.00E-05	1.05E-02	-	
TCONS_00088370	20	38065332	Inf	5.00E-05	1.05E-02	-	
TCONS_00088598	20	45260465	Inf	5.00E-05	1.05E-02	-	
TCONS_00088751	20	47725042	Inf	5.00E-05	1.05E-02	-	
TCONS_00089052	3	4866874	3.629	5.00E-05	1.05E-02	Rpl7a	Translation
TCONS_00090992	3	119783239	-1.459	5.00E-05	1.05E-02	Astl	Protease
TCONS_00097444	3	86847193	1.979	5.00E-05	1.05E-02	-	
TCONS_00097719	3	101554286	Inf	5.00E-05	1.05E-02	-	
TCONS_00097933	3	111179661	Inf	5.00E-05	1.05E-02	-	
TCONS_00101029	4	57952784	-1.126	5.00E-05	1.05E-02	Cpa1	Protease
TCONS_00102979	4	180291388	-0.756	5.00E-05	1.05E-02	Sspn	Development
TCONS_00105268	4	170345142	-1.173	5.00E-05	1.05E-02	LOC500350	
TCONS_00106013	4	26478381	Inf	5.00E-05	1.05E-02	-	
TCONS_00106876	4	66065748	Inf	5.00E-05	1.05E-02	-	
TCONS_00109145	4	155239919	Inf	5.00E-05	1.05E-02	-	
TCONS_00109538	4	169248218		5.00E-05	1.05E-02	-	
TCONS_00111064	5	124441803	1.569	5.00E-05	1.05E-02	RGD1564074	
TCONS_00111799	5	151689307	-1.024	5.00E-05	1.05E-02	Fam46b	
TCONS_00113024	5	58994681	0.802	5.00E-05	1.05E-02	RNase_MRP	
TCONS_00113666	5	114011188	0.993	5.00E-05	1.05E-02	Jun	Transcription
TCONS_00115273	5	6927425	Inf	5.00E-05	1.05E-02	-	
TCONS_00116256	5	57017913	Inf	5.00E-05	1.05E-02	-	
TCONS_00117986	5	138053722	1.383	5.00E-05	1.05E-02	-	
TCONS_00118426	5	150531536	Inf	5.00E-05	1.05E-02	-	
TCONS_00118502	5	152013336	Inf	5.00E-05	1.05E-02	-	
TCONS_00118544	5	153373505	Inf	5.00E-05	1.05E-02	-	
TCONS_00118572	5	153975819	Inf	5.00E-05	1.05E-02	-	
TCONS_00118975	5	166657128	Inf	5.00E-05	1.05E-02	-	
TCONS_00119322	6	10306404	-0.857	5.00E-05	1.05E-02	Epas1	Transcription
TCONS_00119356	6	11853821	2.042	5.00E-05	1.05E-02	-	
TCONS_00120520	6	102311115	-1.104	5.00E-05	1.05E-02	Arg2	Metabolism
TCONS_00120754	6	109300432	1.774	5.00E-05	1.05E-02	Fos	Transcription
TCONS_00123073	6	128888767	-1.094	5.00E-05	1.05E-02	Tcl1a	Signaling
TCONS_00123373	6	145273617		5.00E-05	1.05E-02	-	
TCONS_00123438	6	2149091	Inf	5.00E-05	1.05E-02	-	
TCONS_00123462	6	2192433	Inf	5.00E-05	1.05E-02	-	

TCONS_00123553	6	3813858	Inf		5.00E-05	1.05E-02	-	
TCONS_00123621	6	6465277	Inf		5.00E-05	1.05E-02	-	
TCONS_00124355	6	30355745	Inf		5.00E-05	1.05E-02	-	
TCONS_00125353	6	67716836	Inf		5.00E-05	1.05E-02	-	
TCONS_00125705	6	87267540	Inf		5.00E-05	1.05E-02	-	
TCONS_00126151	6	102864384	Inf		5.00E-05	1.05E-02	-	
TCONS_00126200	6	103189206	Inf		5.00E-05	1.05E-02	-	
TCONS_00126853	6	121224138	Inf		5.00E-05	1.05E-02	-	
TCONS_00127601	7	10962329		-1.129	5.00E-05	1.05E-02	Tle6	Transcription
TCONS_00128198	7	42269783		1.314	5.00E-05	1.05E-02	Kitlg	Growth Factors & Cytokines
TCONS_00132655	7	145056690		-0.987	5.00E-05	1.05E-02	LOC688130	
TCONS_00133619	7	36543164		2.099	5.00E-05	1.05E-02	-	
TCONS_00133742	7	40965854	Inf		5.00E-05	1.05E-02	-	
TCONS_00139329	8	12898301		1.58	5.00E-05	1.05E-02	Endod1	
TCONS_00139966	8	49203901		2.451	5.00E-05	1.05E-02	-	
TCONS_00140149	8	58742405		1.043	5.00E-05	1.05E-02	Cyp19a1	Metabolism
TCONS_00140719	8	85719495		-1.168	5.00E-05	1.05E-02	Ooep	
TCONS_00141369	8	117871441		-1.574	5.00E-05	1.05E-02	Fbxw12	Metabolism
TCONS_00141427	8	120450262			5.00E-05	1.05E-02	-	
TCONS_00141817	8	9876768	Inf		5.00E-05	1.05E-02	-	
TCONS_00142413	8	35799970			5.00E-05	1.05E-02	-	
TCONS_00142524	8	37339414	Inf		5.00E-05	1.05E-02	-	
TCONS_00143952	8	83828930			5.00E-05	1.05E-02	-	
TCONS_00144497	8	104817171	Inf		5.00E-05	1.05E-02	-	
TCONS_00148345	9	80150210		-0.875	5.00E-05	1.05E-02	Igfbp5	Receptor
TCONS_00148638	9	91965835		-0.913	5.00E-05	1.05E-02	Dner	Growth Factors & Cytokines
TCONS_00150199	9	54184184	Inf		5.00E-05	1.05E-02	-	
TCONS_00150706	9	71327043	Inf		5.00E-05	1.05E-02	-	
TCONS_00150997	9	84979631			5.00E-05	1.05E-02	-	
TCONS_00152758	X	17016777		-0.843	5.00E-05	1.05E-02	Bmp15	Growth Factors & Cytokines
TCONS_00154526	X	13110420		0.911	5.00E-05	1.05E-02	Mid1ip1	Development
TCONS_00155716	X	118443822		-1.051	5.00E-05	1.05E-02	Il13ra2	Receptor
TCONS_00156661	X	15554098	Inf		5.00E-05	1.05E-02	-	