

Supplemental Table S1

Vinclozolin Granulosa 1e-06 DMR List

DMR Name	Chr	Start	Length	# SigWin	minP	Ratio Vin/Con	CpG #	CpG Density	DMR Associated Gene Annotation	Gene Category
DMR1:11905701	1	11905701	2000	2	4.03E-12	0.23	294	14.7	5_8S_rRNA;pRNA	
DMR1:11944401	1	11944401	7200	2	8.84E-08	1.51	128	1.7778		
DMR1:15530101	1	15530101	400	1	7.25E-08	1.88	25	6.25	Map3k5	Signaling
DMR1:22736501	1	22736501	500	1	6.65E-16	0.18	2	0.4	Slc18b1	
DMR1:26879001	1	26879001	900	1	2.06E-07	1.83	22	2.4444		
DMR1:29977301	1	29977301	1500	1	6.12E-07	2.86	11	0.7333		
DMR1:34722701	1	34722701	200	1	2.80E-07	3.17	11	5.5		
DMR1:39515701	1	39515701	14400	1	1.12E-07	1.94	537	3.7292		
DMR1:55644001	1	55644001	6500	1	9.97E-07	0.39	26	0.4		
DMR1:63787201	1	63787201	2000	1	2.89E-07	0.14	19	0.95	Lilrb3a	
DMR1:76279001	1	76279001	900	1	2.06E-07	0.17	4	0.4444	LOC100912485;U6	
DMR1:76631201	1	76631201	500	2	1.78E-07	0.34	3	0.6	LOC100912485	
DMR1:77578201	1	77578201	900	2	1.03E-08	0.22	26	2.8889		
DMR1:82738201	1	82738201	400	1	3.43E-07	0.4	1	0.25		
DMR1:112725001	1	112725001	1100	1	4.49E-07	2.08	14	1.2727	Luzp2;Gabrg3	Receptor
DMR1:125865001	1	125865001	200	1	4.45E-07	0.15	3	1.5	Fam189a1	Unknown
DMR1:152174901	1	152174901	500	1	2.71E-07	2.13	4	0.8		
DMR1:168130301	1	168130301	400	1	1.91E-07	0.21	5	1.25	Olr68	Receptor
DMR1:169378701	1	169378701	900	1	3.65E-08	2.11	7	0.7778	Olr149;Olr150	
DMR1:177938001	1	177938001	1100	1	2.79E-07	0.21	9	0.8182	5S_rRNA	
DMR1:179591101	1	179591101	500	1	1.37E-07	3.05	4	0.8		
DMR1:179625301	1	179625301	1500	2	6.28E-08	3.84	29	1.9333		
DMR1:179688101	1	179688101	2300	1	9.38E-08	3.29	36	1.5652		
DMR1:180925601	1	180925601	4600	1	7.81E-07	1.38	74	1.6087		
DMR1:243361801	1	243361801	200	1	9.47E-07	6.09	6	3	Kank1	Transcription
DMR1:248791001	1	248791001	200	1	4.60E-07	0.22	2	1		
DMR1:249351701	1	249351701	900	1	3.45E-08	2.55	6	0.6667		
DMR1:250539601	1	250539601	300	1	8.26E-07	0.33	0	0		
DMR1:275528701	1	275528701	900	1	6.43E-07	2.41	22	2.4444		
DMR2:48475001	2	48475001	1400	1	5.44E-07	0.17	15	1.0714		
DMR2:56732901	2	56732901	200	1	2.11E-07	6.4	0	0		
DMR2:70616701	2	70616701	700	2	9.37E-09	2.37	16	2.2857		
DMR2:93118301	2	93118301	100	1	7.29E-07	4.12	2	2		
DMR2:138128501	2	138128501	600	1	9.93E-08	3.97	64	10.6667		
DMR2:160692501	2	160692501	3200	1	2.60E-07	1.72	50	1.5625		
DMR2:161942801	2	161942801	800	1	2.29E-08	2.69	49	6.125		
DMR2:195843001	2	195843001	1100	1	8.21E-07	3.45	24	2.1818		
DMR2:210660901	2	210660901	300	1	2.35E-08	0.22	3	1	Eps8l3	Unknown
DMR2:228814801	2	228814801	200	1	3.64E-07	0.18	0	0		
DMR3:45373801	3	45373801	400	1	7.13E-07	2.12	8	2	Pkp4	Cytoskeleton
DMR3:52370201	3	52370201	200	1	8.63E-07	0.4	0	0	Ttc21b	Unknown
DMR3:72666001	3	72666001	600	1	1.40E-07	2.6	17	2.8333		
DMR3:109837001	3	109837001	900	2	1.30E-12	0.31	18	2		
DMR3:168640901	3	168640901	300	1	1.07E-07	0.19	9	3	AABR07054752.2;A ABR07054753.1	
DMR3:168695301	3	168695301	500	1	7.02E-08	2.28	6	1.2		
DMR4:12690501	4	12690501	500	1	1.06E-08	2.46	11	2.2		
DMR4:16312901	4	16312901	800	1	6.14E-07	2.35	27	3.375		
DMR4:33171701	4	33171701	200	2	2.69E-07	4.56	0	0	AABR07059723.1	
DMR4:88156801	4	88156801	1500	1	8.12E-07	2.76	30	2		
DMR4:119180801	4	119180801	900	1	2.45E-07	0.48	1	0.1111	Gkn2;Gkn3	
DMR4:164624501	4	164624501	200	1	6.90E-07	0.2	0	0	Ly49s4;Ly49i2	Receptor

DMR5:10271201	5	10271201	500	1	6.56E-07	2.97	15	3	Sntg1	Development
DMR5:53786501	5	53786501	3600	1	3.37E-08	2.97	51	1.4167		
DMR5:91133401	5	91133401	2300	2	1.64E-07	0.36	333	14.4783	pRNA;5_8S_rRNA;A ABR07048791.1	
DMR5:110874801	5	110874801	2400	1	6.96E-07	2.19	17	0.7083		
DMR5:116062801	5	116062801	500	1	5.45E-07	2.09	13	2.6		
DMR5:124286601	5	124286601	1200	1	1.28E-10	>100	15	1.25	Dab1	Signaling
DMR5:132493901	5	132493901	300	1	2.81E-07	0.22	3	1		
DMR5:132617401	5	132617401	1400	3	1.52E-14	0.32	1	0.0714		
DMR5:132706501	5	132706501	200	1	3.38E-07	0.14	4	2	AABR07049681.1	
DMR5:132898001	5	132898001	1900	1	1.13E-07	0.15	10	0.5263		
DMR5:156733301	5	156733301	400	1	9.80E-07	0.36	3	0.75	LOC100909857	Metabolism
DMR6:16600601	6	16600601	400	1	2.79E-07	4.87	8	2		
DMR6:21698501	6	21698501	400	1	2.79E-07	4.72	7	1.75	SNORA48;AABR070 63197.1	
DMR6:30630801	6	30630801	900	1	1.91E-07	0.46	149	16.5556	5_8S_rRNA;AABR07 063421.1;AABR070 63424.1;LOC257642 ;AABR07063425.2;A ABR07063425.1	
DMR6:94070001	6	94070001	500	2	3.78E-08	2.48	13	2.6		
DMR6:115504901	6	115504901	300	1	2.57E-07	0.25	9	3	Ston2	Metabolism
DMR7:531801	7	531801	1000	1	1.34E-07	0.56	7	0.7		
DMR7:53517401	7	53517401	1200	1	7.70E-08	2.71	22	1.8333		
DMR8:3723601	8	3723601	700	1	6.60E-07	0.39	9	1.2857		
DMR8:6128901	8	6128901	200	1	3.26E-08	0.15	4	2	Yap1	Transcription
DMR8:10348801	8	10348801	2500	2	2.59E-08	3.01	51	2.04		
DMR8:10470001	8	10470001	400	1	4.98E-07	6.84	7	1.75		
DMR8:12987501	8	12987501	1000	1	3.95E-08	2.07	48	4.8	Kdm4d;Cwc15	
DMR8:31160901	8	31160901	300	2	2.38E-09	0.16	2	0.6667		
DMR8:34170401	8	34170401	400	1	9.70E-07	3.28	2	0.5		
DMR8:43139401	8	43139401	200	1	3.19E-10	8.31	0	0	AABR07069968.1;A ABR07069969.1	
DMR8:43144901	8	43144901	200	2	1.58E-08	6.65	3	1.5	AABR07069968.1;A ABR07069969.1	
DMR8:44917001	8	44917001	300	1	5.71E-07	2.9	13	4.3333	Clmp	Receptor
DMR8:45238101	8	45238101	2200	1	4.36E-08	0.45	29	1.3182	Ubash3b	Signaling
DMR8:71742301	8	71742301	100	1	9.39E-09	0.1	1	1	Snx1	Transport
DMR8:94265701	8	94265701	500	1	9.15E-07	1.64	20	4	Me1	Metabolism
DMR9:13329901	9	13329901	1200	1	8.56E-07	0.37	11	0.9167		
DMR9:21873401	9	21873401	2100	2	2.16E-08	0.24	13	0.619		
DMR9:25558801	9	25558801	1200	1	2.07E-07	4.15	35	2.9167		
DMR9:80952601	9	80952601	400	1	3.95E-07	0.46	0	0		
DMR9:88140201	9	88140201	2100	2	3.75E-08	0.3	5	0.2381	Rhbdd1	Protease
DMR10:23316801	10	23316801	500	1	6.53E-08	2.67	3	0.6		
DMR10:43048501	10	43048501	400	1	2.28E-07	0.31	1	0.25		
DMR10:55358701	10	55358701	400	1	9.75E-07	0.27	4	1	Myh10	Cytoskeleton
DMR10:58295901	10	58295901	800	1	1.11E-10	>100	6	0.75		
DMR10:70352101	10	70352101	3000	1	5.51E-07	0.36	4	0.1333	Slfn13;Rn50_10_07 00.5	Translation
DMR10:78613701	10	78613701	300	1	4.55E-07	3.42	7	2.3333		
DMR10:78836501	10	78836501	500	4	1.01E-10	2.29	2	0.4		
DMR10:84366401	10	84366401	300	1	7.59E-07	2.6	9	3	Skap1	
DMR10:101831301	10	101831301	500	1	3.53E-11	5	15	3	Slc39a11	Metabolism
DMR10:102000901	10	102000901	200	1	6.90E-07	0.18	4	2	Slc39a11	Metabolism
DMR10:102848101	10	102848101	800	3	5.64E-09	2.22	8	1		

DMR10:110382601	10	110382601	700	3	1.37E-08	2.31	5	0.7143	Ogfod3	
DMR10:111399401	10	111399401	2500	1	1.34E-09	2.88	18	0.72	AABR07030977.1	
DMR11:8226001	11	8226001	200	1	3.06E-07	0.14	1	0.5		
DMR11:11917301	11	11917301	300	1	2.29E-07	0.27	1	0.3333		
DMR11:16485101	11	16485101	1100	2	1.87E-07	3.7	13	1.1818		
DMR11:16497101	11	16497101	1600	1	5.26E-10	12.82	21	1.3125	U6	
DMR11:19614101	11	19614101	300	1	4.60E-07	0.23	0	0		
DMR12:20115201	12	20115201	800	1	4.79E-07	3.47	24	3		
DMR13:16466201	13	16466201	600	1	5.60E-07	3.04	7	1.1667		
DMR13:19383301	13	19383301	1600	2	5.15E-12	4.1	27	1.6875		
DMR13:19790401	13	19790401	1700	2	4.19E-07	2.38	11	0.6471		
DMR13:40316501	13	40316501	200	1	1.63E-07	0.19	2	1		
DMR13:41949501	13	41949501	100	1	1.39E-09	0	0	0		
DMR13:59052201	13	59052201	600	1	3.61E-08	2.15	13	2.1667		
DMR13:71682801	13	71682801	400	1	1.16E-07	0.31	0	0		
DMR13:89437101	13	89437101	11500	1	4.16E-09	0.28	501	4.3565	Fcgr2b	Immune
DMR13:89998101	13	89998101	900	4	7.86E-12	2.92	13	1.4444	Cd244;Ly9	Receptor
DMR13:91162301	13	91162301	400	3	1.52E-10	0.25	37	9.25	LOC100911825;LOC108348047	Receptor
DMR13:91203701	13	91203701	600	2	3.10E-08	0.42	52	8.6667	LOC100911825;LOC108348047	Receptor
DMR13:93187501	13	93187501	1900	1	3.07E-07	3.61	14	0.7368	Rgs7	Signaling
DMR13:100166001	13	100166001	700	1	2.59E-08	2.94	15	2.1429	Eif3el1	
DMR14:46646501	14	46646501	400	1	1.29E-08	0.26	76	19	Rn5-8s;AABR07015078.1;AABR07015078.2;AABR07015079.1;AABR07015080.2;LOC257642;AABR07015080.1;AABR07015081.1	
DMR14:46649001	14	46649001	300	1	5.62E-08	0.38	46	15.3333	Rn5-8s;AABR07015078.1;AABR07015078.2;AABR07015079.1;AABR07015080.2;LOC257642;AABR07015080.1;AABR07015081.1	
DMR14:46653701	14	46653701	400	1	8.61E-09	0.2	71	17.75	Rn5-8s;AABR07015078.1;AABR07015078.2;AABR07015079.1;AABR07015080.2;LOC257642;AABR07015080.1;AABR07015081.1	
DMR14:48102301	14	48102301	500	1	3.79E-07	1.41	10	2		
DMR14:62741801	14	62741801	200	1	5.44E-07	0.17	3	1.5		
DMR14:79285801	14	79285801	100	1	4.60E-07	0.22	3	3	Tbc1d14;LOC680039	
DMR14:85919201	14	85919201	2400	1	1.65E-07	2.3	24	1	;SNORA17	Signaling
DMR14:113947101	14	113947101	2500	1	9.67E-07	1.78	22	0.88	Prorsd1;Mtif2	Transcription
DMR14:114019101	14	114019101	1500	2	4.89E-09	1.9	1	0.0667	AABR07016779.1	
DMR14:114821001	14	114821001	200	1	7.56E-07	0.21	2	1		
DMR15:22855401	15	22855401	400	1	9.62E-08	2.64	9	2.25		

DMR15:24650701	15	24650701	500	2	5.90E-15	5.17	7	1.4		
DMR15:57941201	15	57941201	300	1	4.06E-07	0.17	6	2	Gtf2f2	Transcription
DMR15:100490201	15	100490201	300	1	8.69E-07	0.17	3	1		
DMR16:12656501	16	12656501	400	1	6.75E-11	0.55	2	0.5	RGD1559508	Unknown
DMR16:25718101	16	25718101	1500	1	8.36E-07	2.54	14	0.9333		
DMR16:58331501	16	58331501	1800	1	7.20E-07	2.17	22	1.2222		
DMR16:64945901	16	64945901	2200	1	5.89E-08	0.3	10	0.4545		
DMR16:70678101	16	70678101	3000	1	2.90E-08	3.01	30	1	Rnf170	
DMR17:41036401	17	41036401	1000	1	4.35E-07	3.31	32	3.2		
DMR17:44403801	17	44403801	5100	1	3.94E-07	1.95	119	2.3333		
DMR18:17588101	18	17588101	2000	1	2.70E-08	2.93	21	1.05	RGD1562608	EST
DMR18:41516701	18	41516701	700	1	2.33E-08	4.3	8	1.1429		
DMR18:79438201	18	79438201	2400	3	2.98E-10	2.79	25	1.0417	Mbp	Unknown
DMR18:79804301	18	79804301	300	1	1.47E-08	0.42	0	0	Zfp516	Transcription
DMR18:80607301	18	80607301	4700	1	3.40E-07	2.3	109	2.3191		
DMR18:80614701	18	80614701	700	2	1.09E-11	0.48	1	0.1429		
DMR18:80734501	18	80734501	1200	1	7.09E-08	2.3	0	0		
DMR18:81423401	18	81423401	1000	1	1.22E-09	6.61	11	1.1	Zfp407	Transcription
DMR18:85265501	18	85265501	900	1	7.56E-07	0.21	7	0.7778		
DMR19:502901	19	502901	1000	1	4.70E-07	0.28	4	0.4	Ces2j	
DMR19:15044001	19	15044001	4900	1	3.49E-07	2.27	143	2.9184	Ces1d	Metabolism
DMR19:21533601	19	21533601	300	1	7.52E-07	0.35	3	1	Abcc12	Transport
DMR19:29139701	19	29139701	600	1	4.59E-07	2.39	11	1.8333	AABR07043523.1;A ABR07043525.1	
DMR19:44487301	19	44487301	300	1	2.51E-07	0.14	0	0		
DMR19:48613101	19	48613101	400	1	5.28E-07	0.42	3	0.75		
DMRX:291401	X	291401	1200	3	7.76E-12	5.61	21	1.75		
DMRX:29020401	X	29020401	300	1	5.58E-08	3.34	3	1		
DMRX:29772801	X	29772801	2200	1	4.36E-08	2.24	41	1.8636		
DMRX:117368601	X	117368601	1200	2	1.28E-07	2.46	21	1.75		
DMRX:150458101	X	150458101	500	3	1.87E-09	2.52	5	1		
DMRX:150478301	X	150478301	1100	1	3.42E-07	2.9	26	2.3636		
DMRX:150618201	X	150618201	1100	2	1.29E-07	0.34	7	0.6364		
DMRX:151129701	X	151129701	500	1	9.76E-09	7.32	2	0.4		
DMRY:2237101	Y	2237101	800	1	9.75E-07	3.73	4	0.5		