

**Supplemental Table 1.** Coordinates of custom imprinting array

<b>Chromosome</b>	<b>Start<sup>1</sup></b>	<b>End<sup>1</sup></b>	<b>Imprinted Gene Included</b>
chr1	3550000	3700000	<i>TP73</i>
chr1	68000000	68400000	<i>DIRAS3</i>
chr2	15635000	16785000	
chr6	144216000	144465000	<i>PLAGL1, Hymal</i>
chr6	160190000	160556473	
chr7	50287019	51010342	<i>GRB10</i>
chr7	92457810	93003452	<i>CALCR</i>
chr7	93601102	94794489	<i>PEG10, SGCE, PPP1R9A, PONI</i>
chr7	95865658	96583857	<i>DLX5</i>
chr7	125900001	132000000	<i>CPA4, MEST, MESTIT1</i>
chr10	64879750	69842996	<i>CTNNA3</i>
chr11	1000000	3367849	<i>H19, IGF2, IGF2AS, INS, KCNQ1, KCNQ1OT1, KCNA1DN, CDKN1C, SLC22A18AS, SLC22A18, PHLDA2, OSBP5</i>
chr11	6825689	7014184	<i>ZNF215</i>
chr11	32037172	32579528	<i>WT1</i>
chr11	59567900	59730000	
chr13	46131964	47737931	
chr14	99783114	100981613	<i>DLK1, MEG3</i>
chr15	17000001	31400000	<i>MKRN3, MAGEL2, NDN, SNRPN, SNURF, UBE3A, ATP10A</i>
chr18	42649549	42969233	<i>TCEB3C</i>
chr19	61715851	62440220	<i>PEG3, ITUP1</i>
chr20	35426873	35741706	<i>NNAT</i>
chr20	41508900	41643913	<i>L3MBTL</i>
chr20	56692122	57018532	<i>GNAS, GNASIAS</i>

<sup>1</sup>The coordinates are based on UCSC Genome Browser HG17