

**S5 Table.** Sequence variants with a negative effect on the number of MII oocytes identified by statistical tests.

<b>Gene</b>	<b>Variant</b>	<b>Reference allele</b>	<b>Alternative allele</b>	<b>Mann–Whitney U statistic</b>	<b><i>p</i>-value</b>	<b>Kolmogorov–Smirnov statistic</b>	<b><i>p</i>-value</b>
<i>AMH</i>	rs8112524	G	A	39,418.50	0.00	0.17	0.00
<i>AR</i>	rs1337076	T	G	24,089.50	0.00	0.20	0.00
<i>AR</i>	rs150546551	A	G	6,156.50	0.00	0.30	0.01
<i>AR</i>	rs5919413	T	C	15,678.50	0.00	0.18	0.02
<i>ESR1</i>	rs4986934	T	C	51,220.50	0.00	0.12	0.01
<i>ESR1</i>	rs2228480	G	A	45,861.50	0.00	0.12	0.02
<i>ESR1</i>	rs2747648	C	T	36,921.50	0.00	0.15	0.00
<i>ESR1</i>	rs9341077	T	C	13,812.50	0.02	0.19	0.03
<i>ESR1</i>	rs2813543	A	G	40,263.50	0.01	0.11	0.04
<i>ESR2</i>	rs1255997	T	C	19,798.50	0.00	0.23	0.00
<i>ESR2</i>	rs8018687	T	C	14,554.00	0.00	0.25	0.00
<i>ESR2</i>	rs17225885	T	G	11,075.00	0.00	0.26	0.00
<i>FSHB</i>	rs78946483	T	G	11,601.50	0.00	0.20	0.03
<i>FSHR</i>	rs2072487	C	T	37,402.00	0.00	0.14	0.00
<i>LHCGR</i>	rs6545063	C	G	24,976.50	0.00	0.23	0.00
<i>PRLR</i>	rs56251626	C	G	12,007.00	0.00	0.22	0.01
<i>PRL</i>	rs849884	T	C	35,635.00	0.01	0.14	0.01
<i>FSHR</i>	rs1394205	C	T	45,611.00	0.00	0.11	0.02