

**Supplementary Table S10.** Association of FGR-associated mAMM-involved SNPs with several maternal/offspring phenotypes in the studied population.

Chr (1)	SNP (2)	Gene (3)	FGR (4)	Maternal/offspring phenotypes					
				biological			disorder		
				age at menarche* (5)	BMI* (6)	offspring BW (7)**	uterine leiomyoma (8)***	endometrial hyperplasia (9)****	endometriosis (10)*****
1	rs1514175	<i>TNNI3K</i>				yes	yes		yes
1	rs466639	<i>RXRG</i>							
1	rs7538038	<i>KISS1</i>	yes			yes		yes	
2	rs713586	<i>RBJ</i>	yes			yes	yes		yes
2	rs2164808	<i>POMC</i>		yes	yes				
2	rs7589318	<i>POMC</i>				yes	yes		
2	rs4374421	<i>LHCGR</i>		yes	yes	yes	yes	yes	yes
2	rs7579411	<i>LHCGR</i>	yes	yes			yes		yes
2	rs4953616	<i>LHCGR</i>			yes		yes		
2	rs6732220	<i>FSHR</i>						yes	
2	rs4953655	<i>FSHR</i>			yes		yes	yes	
2	rs12617311	<i>PLCL1</i>		yes	yes				
3	rs6438424	<i>3q13.32</i>		yes				yes	yes
4	rs2013573	<i>UGT2B4</i>				yes	yes	yes	
4	rs13111134	<i>UGT2B4</i>	yes					yes	
4	rs222003	<i>GC</i>	yes			yes			
4	rs222020	<i>GC</i>					yes		
4	rs3756261	<i>EGF</i>							
5	rs757647	<i>KDM3B</i>				yes			
6	rs7766109	<i>F13A1</i>						yes	
6	rs4946651	<i>LIN28B</i>		yes	yes	yes	yes		
6	rs7759938	<i>LIN28B</i>		yes				yes	yes
6	rs314280	<i>LIN28B</i>	yes		yes	yes			

6	rs314276	<i>LIN28B</i>		yes			yes	yes	
6	rs3020394	<i>ESR1</i>	yes		yes	yes			
6	rs1884051	<i>ESR1</i>							
6	rs7753051	<i>IGF2R</i>					yes		
7	rs1079866	<i>INHBA</i>				yes			
8	rs2288696	<i>FGFR1</i>							
9	rs10980926	<i>ZNF483</i>					yes	yes	yes
9	rs10441737	<i>ZNF483</i>				yes		yes	yes
11	rs10769908	<i>STK33</i>	yes	yes			yes		
11	rs555621	<i>FSHB</i>	yes		yes	yes	yes	yes	yes
11	rs11031010	<i>FSHB</i>	yes				yes	yes	yes
11	rs1782507	<i>FSHB</i>	yes			yes	yes	yes	yes
11	rs6589964	<i>BSX</i>		yes		yes		yes	yes
12	rs1544410	<i>VDR</i>	yes		yes		yes		yes
14	rs999460	<i>NKX2-1</i>	yes		yes	yes		yes	
14	rs4986938	<i>ESR2</i>				yes		yes	
15	rs2241423	<i>MAP2K5</i>					yes		
16	rs12444979	<i>GPRC5B</i>	yes			yes			
16	rs9939609	<i>FTO</i>							
16	rs12324955	<i>FTO</i>				yes	yes	yes	yes
18	rs1398217	<i>SKOR2</i>	yes		yes				
19	rs2252673	<i>INSR</i>		yes					
20	rs1073768	<i>GHRH</i>		yes	yes	yes			yes
22	rs4633	<i>COMT</i>		yes	yes	yes	yes	yes	
23	rs5930973	<i>CD40LG</i>							
23	rs3092921	<i>CD40LG</i>							

Note: **yes**: associated.

\* Ponomarenko et al., 2019 [36];\*\* Reshetnikova et al., 2023 [40];\*\*\* Ponomarenko et al., 2021 [33];\*\*\*\* Ponomarenko et al., 2020 [31];\*\*\*\*\* Ponomarenko et al., 2020 [32]