Table SI. Initial and final body weights of the mice treated with lapatinib or vehicle for 4 weeks.

		Lapatinib treatment	
Body weight results	Control n=22	100 mg/kg n=22	200 mg/kg n=32
Initial body weight (g)	18.26±2.11	17.81±1.49	18.70±1.57
Final body weight (g)	18.26±1.58	18.75±1.93	17.77±2.80
Body weight gain (g)	0.00±2.44[a,b]	0.94±1.85[a]	-0.93±2.80[b]

Data are presented as mean ± standard deviation (SD). [a,b]$P<0.05$, indicates statistical significance.

Table SII. Follicle counting of mice treated with lapatinib or vehicle for 4 weeks.

Follicles per section	Control n=10	Lapatinib treatment		P-value
		100 mg/kg n=10	200 mg/kg n=10	
Primordial	10.80±3.76	10.14±3.27	11.76±4.01	0.62
Primary	3.42±1.07	3.76±2.05	4.28±2.14	0.57
Secondary	3.10±1.10	2.56±1.33	3.58±1.18	0.19
Antra	1.34±0.59	1.28±0.40	1.80±0.95	0.20
Atretic	18.14±6.70	16.44±8.08	19.70±8.50	0.65

Data are presented as mean ± standard deviation (SD).

Table SIII. Serum AMH levels of mice treated with lapatinib or vehicle for 4 weeks.

		Lapatinib treatment		
	Control n=4	100 mg/kg n=6	200 mg/kg n=5	P-value
Serum AMH	0.93±0.18	0.74±0.14	0.73±0.18	0.16

Data are presented as mean ± standard deviation (SD). AMH, anti-Müllerian hormone.

Table SIV. Number of pregnant mice in the groups treated with lapatinib or vehicle for 4 weeks.

Mating round	Control n=7	Lapatinib treatment		P-value
		100 mg/kg n=9	200 mg/kg n=10	
One	1	2	3	0.75
Two	2	1	2	0.68
Three	3	3	3	0.86
Four	3	3	4	0.92

Table SV. Average number of pups in groups treated with lapatinib or vehicle for 4 weeks.

Mating round	Control	Lapatinib treatment		P-value
		100 mg/kg	200 mg/kg	
One	6.0	6.0±1.4	6.3±1.5	-0.8 (2 group)
Two	7.5±2.1	4.0	7.0±1.4	-0.8 (2 group)
Three	8.0±1.0	6.3±2.1	6.7±1.2	0.4
Four	9.0±2.0	6.5±1.3	6.3±2.0	0.2

Data are presented as mean ± standard deviation (SD).