

Supplementary Table S2. Experimental design

Experimental design	
Step 1	Group A , sponge withdrawal (day 8th)
	Group B , sponge withdrawal (day 11th)
	Group C , FSH (day 7th) + sponge withdrawal (day 8th)
	Group D , FSH (day 10th) + sponge withdrawal (day 11th)
Step 2	P , GCs with HPC (500 ng/mL PRL)
	P-458 (Negative control group), GCs with HPC were transfected by empty plasmid pX458
	P-sg-L , GCs with HPC were transfected by recombinant plasmid of knock down <i>L-PRLR</i>
	P-sg-SL , GCs with HPC were transfected by recombinant plasmid of knock down both <i>L-PRLR</i> and <i>S-PRLR</i>
Step 3	P , GCs with HPC
	P-10 (Negative control group), HPC were infected by lentiviruses with empty vectors pGWL10-new of overexpression
	P-10-L , GCs with HPC were infected by lentiviruses carrying overexpressed sequences of <i>L-PRLR</i>
	P-10-S , GCs with HPC were infected by lentiviruses carrying overexpressed sequences of <i>S-PRLR</i>
Step 3	P , GCs with HPC
	P-G (Negative control group), GCs with HPC were infected by lentiviruses with empty vectors pGWL33 of interference
	P-SH , GCs with HPC were infected by lentiviruses carrying interference sequence of <i>MAPK12</i>
	P , GCs with HPC
Step 3	P-10 , (Negative control group), HPC were infected by lentiviruses with empty vectors pGWL10-new of overexpression
	P-10-M , GCs with HPC were infected by lentiviruses carrying overexpressed sequences of <i>MAPK12</i>