

Supplementary Table S1 Validation scheme for the generation of the rat prenatal androgenization model of PCOS.

Model	Reference	Androgen	Dose	Timing	Male/female pups
PNA	Yan <i>et al.</i> J. Endocrinol (2013) 217:119–129	DHT	5 mg/day	Gestational day 16–19	Not reported
PNA	Yan <i>et al.</i> J. Endocrinol (2014) 222:73–85	DHT	5 mg/day	Gestational day 16–19	Not reported
PNA	Osuka <i>et al.</i> Endocrinol (2017) 158:367–377	DHT	3 mg/day	Gestational day 16–19	Not reported
PNA	Our pilot validation#1	DHT	5 mg/day	Gestational day 16–19	2/0
PNA	Our pilot validation#2	DHT	1.5 mg/day	Gestational day 16–18	5/5
PNA	Our pilot validation#3	DHT	1.5 mg/day	Gestational day 16–19	5/6
PNA	Our pilot validation#4	DHT	3 mg/day	Gestational day 16–18	6/5
PNA	Our pilot validation#5	DHT	3 mg/day	Gestational day 16–19	5/5

PNA: prenatal androgenization, DHT: dihydrotestosterone

Previous references of protocols of gestational androgenization by DHT administration to pregnant dams are quoted. In addition, the different protocols of PNA tested in our team are also displayed. The model shadowed in gray was selected for pharmacological studies of repeated kisspeptin (KP)-54 administration.