

Supplementary table 4 infertility-related examinations of the patients with SYCP2L variant

	Item	Family P0001 IV-2	Family P0005 IV-2	Normal Value Range
Age	-	31	30	-
	T	0.24	0.32	0.11-0.57 ng/ml
Basal sexual hormone	FSH	57.34	33.46	3.03-8.08mIU/ml
	LH	32.53	5.17	1.80-11.78mIU/ml
	PRL	14.86	7.80	5.18-26.53 ng/ml
	P	0.19	0.12	0.1-0.3ng/ml
	E2	<10	34.55	21-251pg/ml
	AMH	0.01	0.456	0.24-11.78
	uterus	39×29×42mm	47×35×47mm	-
Ultrasound examination	Left ovary	22×12×20mm	39×26×33mm	-
	Right ovary	20×10×17mm	34×23×27mm	-
	Follicle numbers	Left: 0 Right: 0	Left: 1 Right: 2	-

T: testosterone; FSH: follicle-stimulating hormone; LH: luteinizing hormone; PRL: prolactin; P: progesterone; E2: estradiol.