

Supplementary Table S3. Quantification of secondary follicles per culture condition.

Number of KRT19+ secondary follicles/total secondary follicles (%)				
	D0	Mc_D8	Xu_W1	Xu_W3
cryo_cOVA	0/4 (0%)	4/16 (25%)	2/15 (13%)	0/2 (0%)
cryo_tOVA	0/3 (0%)	17/21 (81%)	15/19 (79%)	3/5 (60%)
fresh_tOVA	0/5 (0%)	12/17 (71%)	18/22 (82%)	5/7 (71%)
Number of ACTA2+ secondary follicles/total secondary follicles (%)				
	D0	Mc_D8	Xu_W1	Xu_W3
cryo_cOVA	2/2 (100%)	9/13 (69%)	8/12 (67%)	0/4 (0%)
cryo_tOVA	2/2 (100%)	4/23 (17%)	2/17 (12%)	0/5 (0%)
fresh_tOVA	4/4 (100%)	3/19 (16%)	4/22 (18%)	0/5 (0%)
Number of TUNEL+ secondary follicles/total secondary follicles (%)				
	D0	Mc_D8	Xu_W1	Xu_W3
cryo_cOVA	0/3 (0%)	0/10 (0%)	4/11 (36%)	3/4 (75%)
cryo_tOVA	0/3 (0%)	0/15 (0%)	5/13 (38%)	4/4 (100%)
fresh_tOVA	0/4 (0%)	0/17 (0%)	5/19 (26%)	8/8 (100%)
Number of STAR+ secondary follicles/total secondary follicles (%)				
	D0	Mc_D8	Xu_W1	Xu_W3
cryo_cOVA	0/2 (0%)	3/14 (21%)	2/10 (20%)	0/3 (0%)
cryo_tOVA	0/4 (0%)	17/20 (85%)	11/16 (69%)	2/3 (67%)
fresh_tOVA	0/4 (0%)	15/17 (88%)	16/22 (73%)	4/6 (67%)

D0, day zero; Mc_D8, culture after [McLaughlin et al. \(2018\)](#) for 8 days; Xu_W1/W3, culture after [Xu et al. \(2021\)](#) for 1/3 weeks; cryo, cryopreserved; tOVA, ovaries from trans masculine donors; cOVA, ovaries from cis female donors.