

Supplementary Table S2. Quantification of total number of follicles per ovarian cortex cube per donor per condition.

Conditions		D0			Mc_D8			Xu_W1			Xu_W3		
Donors		tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100
Fresh_tOVA	Total follicles	214	158	132	135	165	127	148	153	114	124	169	128
	Total cubes (with follicles)	6	5	6	6	3	7	5	5	6	4	5	7
	Total follicles/cube	36	32	22	23	55	18	30	31	19	31	34	18
Conditions		D0			Mc_D8			Xu_W1			Xu_W3		
Donors		tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100	tOVA96	tOVA98	tOVA100
Cryo_tOVA	Total follicles	189	166	145	136	178	159	113	207	146	153	116	142
	Total cubes (with follicles)	7	6	6	7	5	6	7	4	5	4	6	5
	Total follicles/cube	27	28	24	19	36	27	16	52	29	38	19	28
Conditions		D0			Mc_D8			Xu_W1			Xu_W3		
Donors		cOVA18	cOVA22	cOVA26	cOVA18	cOVA22	cOVA26	cOVA18	cOVA22	cOVA26	cOVA18	cOVA22	cOVA26
Cryo_cOVA	Total follicles	231	150	100	175	191	149	153	124	171	126	191	136
	Total cubes (with follicles)	4	3	5	5	3	8	4	2	7	2	5	3
	Total follicles/cube	58	50	20	35	64	18	38	62	24	63	38	45

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.