

Supplemental table 1. Compilation of IVF, embryo development, and pups born after embryo transfer.

Strain (male x female)	Age of the male (months)	Sperm treatment	Total oocytes (n)	n of 2-cell stage (%)	n of blastocyst stage (% out of 2-cell)	% blastocyst out of oocytes	# of embryo transfers (ET)	n of ET blastocysts	n of pups (% out of transferred blastocysts)
C57BL/6J x CD-1	2-6	CAP	742 (18)	486 (65.4)	299 (62)	40.2	6	98	18 (18.4)
		SER	880 (18)	809 (92.0)	719 (89.1)	82.3	6	98	58 (59.2)
	7-12	CAP	550 (10)	280 (50.9)	203 (72.5)	36.9	3	45	2 (4.4)
		SER	588 (10)	528 (89.8)	466 (88.3)	79.3	3	45	15 (33.3)
	13-24	CAP	738 (10)	439 (59.0)	212 (48.3)	29.6	6	93	9 (9.7)
		SER	556 (10)	478 (86.0)	406 (84.9)	73.0	6	93	31 (33.3)
C57BL/6J x C57BL/6J	2-6	CAP	267 (5)	149 (55.8)	84 (56.4)	31.5	2	34	1 (2.9)
		SER	291 (5)	265 (91.1)	245 (92.5)	84.2	2	34	9 (26.5)
	7-12	CAP	197 (5)	104 (52.8)	47 (45.2)	23.9	2	24	7 (29.2)
		SER	169 (5)	141 (83.4)	100 (70.9)	59.2	2	24	11 (45.8)
	13-24	CAP	144 (5)	74 (51.4)	30 (40.5)	20.8	--	--	--
		SER	225 (5)	200 (88.9)	169 (84.5)	75.1	--	--	--