

Supplementary materials

Table S1. Fresh sperm quality outcomes in different rabbit semen pools.

Fresh semen pool	Sperm variables											
	Sperm concentration (spz × 10 <sup>6</sup> /mL)	TM (%)	PM (%)	VCL (µm/sec)	VAP (µm/sec)	VSL (µm/sec)	STR (%)	LIN (%)	WOB (%)	ALH (µm)	BCF (Hz)	SMI (%)
1	765	95.1	68.8	73.9	39.5	23.1	57.5	32.2	53.8	3.3	6.9	85.7
2	655	95.2	67.3	73.3	39.9	26.2	59.7	34.0	53.4	3.3	6.8	94.1
3	639	89.6	68.9	75.5	43.9	32.3	68.3	41.8	58.1	3.1	8.4	89.7
4	1,105	92.9	76.5	87.1	40.1	26.1	62.3	30.4	47.4	4.1	8.3	92.5
5	672	92.3	70.6	76.9	42.8	29.0	64.2	37.6	55.6	3.4	7.7	92.5
6	746	88.2	65.5	75.2	40.1	24.6	59.7	33.5	53.7	3.4	7.6	88.0
7	628	89.5	66.5	70.8	35.6	21.2	57.2	29.3	49.8	3.3	7.1	90.4
8	650	91.1	61.9	66.2	37.6	24.4	60.5	36.4	56.9	3.0	7.1	90.2
Mean	732.5	91.7	68.2	74.9	39.9	25.9	61.2	34.4	53.6	3.4	7.5	90.4
S.D.	158.6	2.6	4.2	6.0	2.6	3.5	3.7	4.1	3.5	0.3	0.6	2.7

TM (%), total motility; PM (%) progressive motility; VCL (µm/sec), curvilinear velocity; VAP (µm/sec), average path velocity; VSL (µm/sec), straight-line velocity; STR (%) (VSL/VAP × 100), straightness; LIN (%) (VSL/VCL × 100), linearity; WOB (%) (VAP/VCL × 100), wobble; ALH (µm), amplitude of lateral head displacement; BCF (Hz), beat cross frequency; SMI (%) sperm membrane integrity.