

TABLE S3: Isolated bacteria species of potential concern for artificial insemination
(Experiment 1)

Bacteria species	Detection at storage time	Type of semen sample (n = 9 boars)		
		Raw semen, n	17 °C BTS w/AB, n	5 °C APrem w/o AB, n
<i>Burkholderia cepacia</i> complex	0 to 72 h	0	6	9
<i>Pseudomonas aeruginosa</i>	0 to 72 h	4	0	6
<i>Pasteurella</i> sp.	0 to 24 h	1	0	2
<i>Escherichia coli</i>	0 h	1	0	1

Bacteria species were isolated from raw semen and extended semen samples preserved in Beltsville Thawing Solution with antibiotics (0.25 g/L gentamicin sulphate, BTS w/AB) at 17 °C or in AndroStar® Premium without antibiotics (APrem w/o AB) at 5 °C for 72 h. Maximal bacterial counts were 245 CFU/mL in BTS w/AB and 773 CFU/mL in APrem w/o AB.