

Supplementary Materials: Semen Quality of Rasa Aragonesa Rams Carrying the *FecXR* Allele of the *BMP15* Gene

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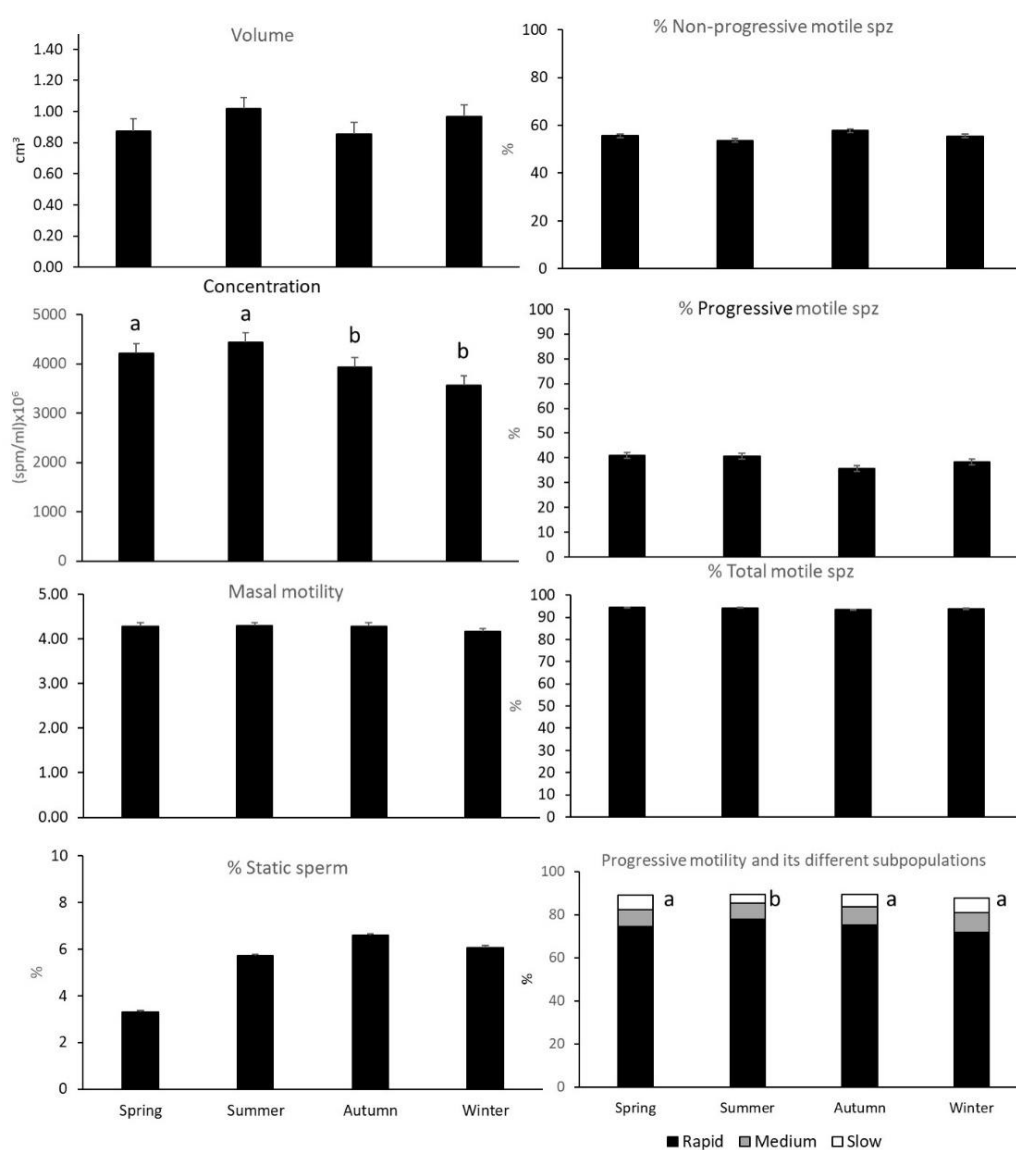


Figure S1. Annual seminal traits (mean $\pm$ S.E.M.) of Rasa Aragonesa rams (a,b indicate $p < 0.05$) (spz: spermatozoon). Values calculated from semen samples collected twice a week for one year.

Table 1. Mean ($\pm$ S.E.M.) testicular measurements and reproductive traits of Rasa Aragonesa rams ($n = 15$) (a,b,c indicate significant differences $p < 0.05$). Values calculated from semen samples collected twice a week for one year.

	Spring	Summer	Autumn	Winter
Scrotal circumference (cm)	33.1 $\pm$ 0.7 ^a	34.3 $\pm$ 0.4 ^b	33.8 $\pm$ 0.4 ^a	34.8 $\pm$ 0.6 ^b
Testicular diameter (cm)	6.8 $\pm$ 0.2 ^a	7.0 $\pm$ 0.1 ^b	6.7 $\pm$ 0.1 ^a	6.7 $\pm$ 0.9 ^a
Testicular length (cm)	9.0 $\pm$ 0.8 ^a	10.3 $\pm$ 0.2 ^b	9.7 $\pm$ 0.5 ^b	9.2 $\pm$ 0.2 ^a
Fertility (%)	52.9 $\pm$ 0.05 ^a	65.9 $\pm$ 0.02 ^b	59.2 $\pm$ 0.04 ^a	50.6 $\pm$ 0.06 ^c
Prolificacy (lambs/lambing)	1.63 $\pm$ 0.09 ^a	1.88 $\pm$ 0.04 ^b	1.65 $\pm$ 0.07 ^a	1.30 $\pm$ 0.18 ^c
Fecundity (lambs/ewe)	0.86 $\pm$ 0.09 ^a	1.25 $\pm$ 0.06 ^b	0.97 $\pm$ 0.07 ^a	0.59 $\pm$ 0.09 ^c