

## Genetic loci governing androgenic capacity in perennial ryegrass (*Lolium perenne* L.)

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### Supplementary information

**Table S1** Overview of pair-cross parents and their progeny populations used for phenotypic evaluation of in vitro anther culture capacity.

Population	Parents			Number of genotypes evaluated in		
	Androgenic		Non-androgenic	2015	2016	In both years
1	P2	×	P133 <sup>1</sup>	49	50	45
2	P2	×	P10 <sup>1</sup>	43	-	-
3	P2	×	P48 <sup>1</sup>	30	-	-
4	P102	×	P133 <sup>1</sup>	25	32	18
6	P102	×	P48 <sup>1</sup>	15	21	8
7	P169	×	P133 <sup>1</sup>	17	13	7
8	P169	×	P10 <sup>1</sup>	20	-	-
10	P2	×	P144 <sup>2</sup>	48	-	-
11	P2	×	P175 <sup>3</sup>	48	-	-
12	P2	×	P84 <sup>2</sup>	11	-	-
15	P102	×	P84 <sup>2</sup>	7	-	-
Sum				313	116	78

<sup>1</sup>Many albinos, no green plants; <sup>2</sup>many embryos, no plants; <sup>3</sup>no embryos, no plants.