

Additional file 8

Dependent variable	r^2	Source	df	F-ratio ^a
Ovule curvature	0.70	AES cluster (AES-C)	2	148.8***
		S	1	2377.7***
		AES-C x S	2	6.821**
		Genotype within AES- C	116	26.9***
	0.69	AI cluster (AI-C)	2	66.2***
		Stage (S)	1	3143.4***
		AI-C x S	2	0.982
		Genotype within AI-C	116	28.2***
AI	0.05	Meiocyte angle cluster	2	3.440*
	0.03	ES1 angle cluster	2	2.476
AES	0.04	Meiocyte angle cluster	2	2.654
	0.11	ES1 angle cluster	2	7.325**

^a *, **, ***, $P < 0.05$, $P < 0.01$, $P < 0.001$