

Additional file 7

Dependent variable	r^2	Source	df	F-ratio ^a
Ovule curvature	0.82	AES Cluster (AES-C)	3	11.06***
		Stage (S)	2	5955***
		AES-C x S	6	3.944***
		Genotype within AES-C	296	11.31***
AES	0.007	Meiocyte angle cluster	3	0.648
AES	0.001	ES1 angle cluster	3	0.085
AES	0.004	ES8 angle cluster	3	0.441

^a ***, $P < 0.001$