

Supplementary Table 4: Test statistic (exact F-Test) of the linear models for determination of the water consumption.

	Model No.	Residual sum of squares	Degrees of freedom	Sum of squares	F value	p value
Model 1:						
Water consumption ~ Genotype	1	581194	1	406762	100.27	< 0.001
Model 2:						
Water consumption ~ Genotype + Height	2	174432				