

Additional file 10

Data for figure 5B: sphericity data and correlation between the sphericity of the trichome nucleus and the trichome shape.

Sphericity	MEAN	MEDIAN	STDEV	SEM	n	Mann-Whitney test (sphericity):	r	p-value (correlation):
WT	0.83	0.84	0.07	0.01	56		N.A.*	
<i>xi-2/xi-k</i>	0.62	0.60	0.13	0.02	32	P<0.0001	-0.7120	P<0.0001

Abbreviations: BR, branch; STDEV, standard deviation; SEM, standard error of the mean; n, number of data points;

r, Pearson's correlation coefficient; N.A., not applicable.

Statistical analysis: Mann-Whitney Test, Pearson's correlation coefficient.

* Can not be calculated as there is no variance in the shape of WT trichomes.