

Table S1. Primer sequences for target gene amplification by RT-PCR.

Gene	Direction	Sequence (5' => 3')	Base Pairs	Product Length
ADS	Forward	ATACAACGGGCACTAAAGCAACC	23	297 bp
ADS	Reverse	GAAAACCTCTAGCCCGGAATACTG	24	297 bp
CYP	Forward	GGGTTAGGGATTTAGCCAGAA	22	218 bp
CYP	Reverse	AATTGCCTCCAGTACTCACCATAA	24	218 bp
DXR	Forward	ATTGCTGGCGGTCCCTTTGTTCTT	24	237 bp
DXR	Reverse	CTTTTCTCCCCATGCTCAGTTAGG	24	237 bp
DXS	Forward	ATGGGTTGGCGGGATTAC	19	274 bp
DXS	Reverse	CCGTCAAGATTGGCAGTAGGTAAA	24	274 bp
FPS	Forward	GTATGATTGCTGCGAACGATGGA	23	211 bp
FPS	Reverse	CGGCGGTGAATAGACAATGAATAC	24	211 bp
HMGR	Forward	GGTCAGGATCCGGCCAAAACATT	24	251 bp
HMGR	Reverse	CCAGCCAACACCGAACCAGCAACT	24	251 bp
18S	Forward	TCCGCCGGCACCTTATGAGAAATC	24	219 bp
18S	Reverse	CTAAGAACGGCCATGCACCACCAC	24	219 bp

Abbreviations: ADS, amorpho-4,11-diene synthase; CYP, P450 CYP71AV1; DXR, 1-deoxy-D-xylulose-5-phosphate reductoisomerase; DXS, deoxy-D-xylulose-5-phosphate synthase; FPS, farnesyl diphosphate synthase; HMGR, 3-hydroxy-3-methylglutaryl-CoA reductase; SQS, squalene synthase; 18S, 18S ribosomal small subunit.

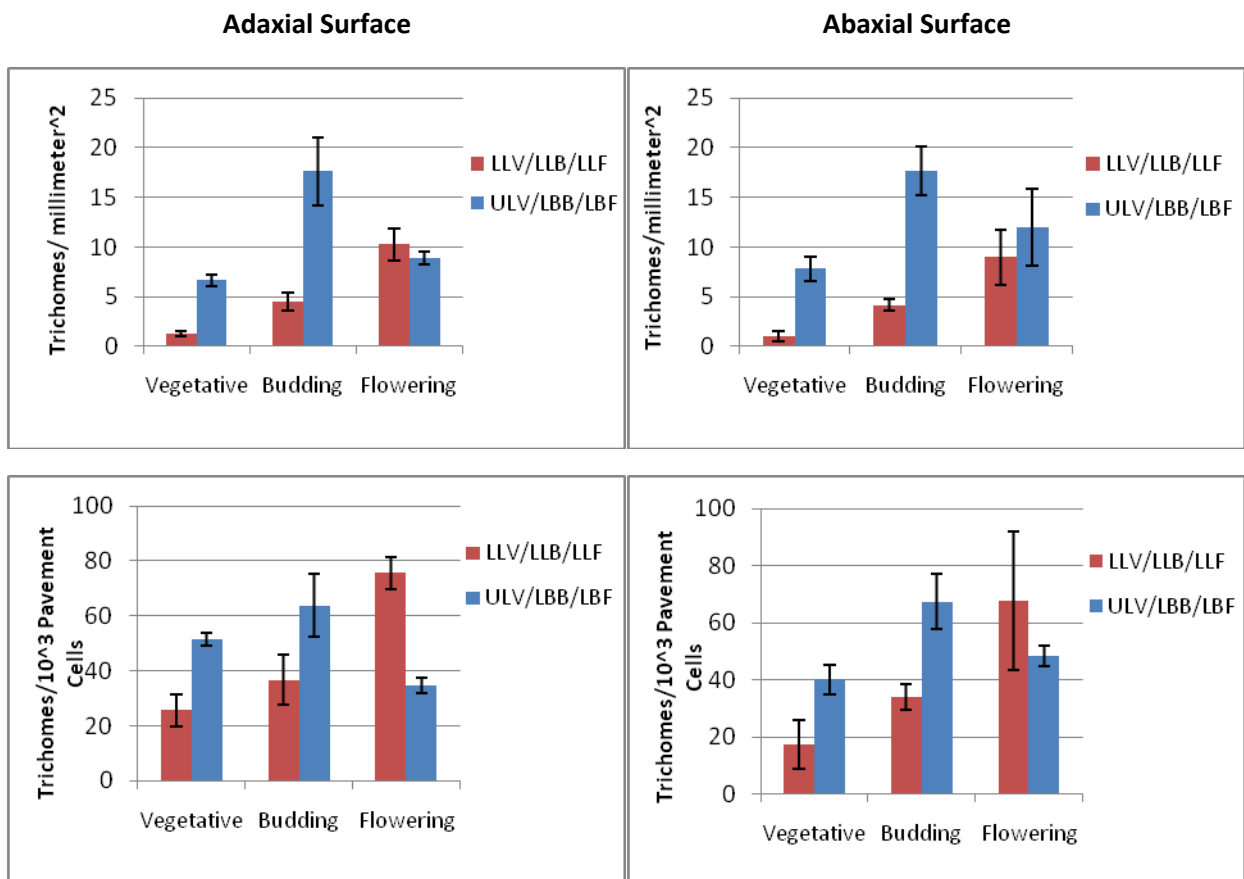


Figure S1: Trichome populations of leaves from vegetative, budding, and flowering plants relative to leaf position and surface. Error bars represent ± 1 SD ($n=4$). See Figure 2 for definition of leaf positions. LLV: Lower Leaves of Vegetative Plants, LLB: Lower leaves of budding plants, LLF: Lower leaves of flowering plants, ULV: Upper leaves of vegetative plants, LBB: Leafy bracts of budding plants, LBF: Leafy bracts of flowering plants.