

Terpenoid biosynthesis in *Arabidopsis* attacked by caterpillars and aphids: effects of aphid density on the attraction of a caterpillar parasitoid

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Supplemental material 8: Statistical analysis of gene expression in leaves of *A. thaliana* wild-type Col-0 and mutants *tps10*, *bsmt1* and *tps03* at 3 d after single *Plutella xylostella* infestation, dual infestation by *Plutella xylostella* and *Brevicoryne brassicae* aphids at a low or high density and without infestation. Generalized Linear Model deviance table for effect of infestation treatment. Bold numbers indicate significant effects $P < 0.05$

Plant	Product	Gene	Factor	
			Treatment	
			df = 3	
			deviance	P
Col-0	(<i>E,E</i>)- α -farnesene	<i>TPS03</i>	94.98	0.002
	(<i>E,E</i>)-TMTT	<i>TPS04</i>	45.45	0.068
	Linalool	<i>TPS10</i>	32.48	0.022
	MeSA	<i>BMST1</i>	450.86	0.114
<i>tps10</i>	(<i>E,E</i>)- α -farnesene	<i>TPS03</i>	24.79	0.003
	(<i>E,E</i>)-TMTT	<i>TPS04</i>	3.97	0.473
	MeSA	<i>BMST1</i>	418.74	0.020
<i>bsmt1</i>	(<i>E,E</i>)- α -farnesene	<i>TPS03</i>	4.10	0.716
	(<i>E,E</i>)-TMTT	<i>TPS04</i>	6.45	0.313
	Linalool	<i>TPS10</i>	30.17	0.027
<i>tps03</i>	(<i>E,E</i>)-TMTT	<i>TPS04</i>	28.32	0.010
	Linalool	<i>TPS10</i>	68.05	0.005
	MeSA	<i>BMST1</i>	199.858	0.006