

Table S2. Composition analysis of epicuticular wax in *bdg* and wild type leaves.

Compound class	Chain length	WT Col, $\mu\text{g}/\text{cm}^2$			<i>bdg</i> , $\mu\text{g}/\text{cm}^2$			<i>bdg</i> /WT
		mean (n=5)	$\pm\text{SE}$	% of total	mean (n=5)	$\pm\text{SE}$	% of total	
Acids	24	0.038	0.002	14.1	0.013	0.003	5.5	0.3
	26	0.090	0.005		0.097	0.021		1.1
	28	0.009	0.001		0.055	0.012		6.3
	30	0.004	0.001		0.014	0.002		3.5
	32	0.006	0.003		0.008	0.002		1.4
Alcohols	22	0.001	0.000	35.0	0.020	0.005	13.1	15.6
	26	0.011	0.001		0.024	0.003		2.1
	28	0.030	0.003		0.082	0.011		2.7
	30	0.119	0.003		0.148	0.008		1.3
	32	0.183	0.005		0.153	0.005		0.8
	34	0.018	0.001		0.019	0.001		1.1
Alkanes	27	0.009	0.001	46.3	0.088	0.014	76.1	10.0
	29	0.119	0.013		1.119	0.181		9.4
	30	0.013	0.003		0.045	0.006		3.5
	31	0.246	0.033		1.130	0.081		4.6
	33	0.092	0.011		0.215	0.014		2.3
Aldehydes	26	0.014	0.002	4.6	0.040	0.006	5.4	2.9
	28	0.002	0.000		0.046	0.012		18.6
	30	0.013	0.003		0.030	0.003		2.3
	32	0.014	0.001		0.043	0.002		3.0
	34	0.004	0.001		0.024	0.001		6.4