

**Table S2.** Weight increase of *S. littoralis* larvae fed on leaves of ProSys<sub>(1-178)</sub> transgenic plants. The leaves employed were taken from control plants (C) and from two transgenic plant lines: ProSys<sub>(1-178)</sub> line 1 and 2, respectively. Average values  $\pm$  standard deviations are reported for each sample for all experimental time points analyzed. For each time point, mean values denoted with different letters are significantly different (\*One-way ANOVA:  $P < 0.0001$  followed by Tukey's post-hoc multiple-comparison test).

Days of feeding	C Larval weight (g)	ProSys <sub>(1-178)</sub> line 1 Larval weight (g)	ProSys <sub>(1-178)</sub> line 2 Larval weight (g)	F	P value
1	<b>0.0047</b> $\pm$ 0.0007 <sup>a</sup>	<b>0.0046</b> $\pm$ 0.0006 <sup>a</sup>	<b>0.0046</b> $\pm$ 0.0007 <sup>a</sup>	F (3, 124) = 1.584	0.1966
5	<b>0.0144</b> $\pm$ 0.0037 <sup>a</sup>	0.0131 $\pm$ 0.0027 <sup>a</sup>	<b>0.0101</b> $\pm$ 0.0016 <sup>b</sup>	F (3, 115) = 21.96	0.0001 *
10	<b>0.0226</b> $\pm$ 0.0091 <sup>a</sup>	<b>0.01642</b> $\pm$ 0.0054 <sup>b</sup>	<b>0.0159</b> $\pm$ 0.0039 <sup>b</sup>	F (3, 109) = 9.184	0.0001 *
15	<b>0.0964</b> $\pm$ 0.0341 <sup>a</sup>	<b>0.0266</b> $\pm$ 0.009 <sup>b</sup>	<b>0.0336</b> $\pm$ 0.036 <sup>b</sup>	F (3, 108) = 98.39	0.0001 *
20	<b>0.2763</b> $\pm$ 0.0913 <sup>a</sup>	<b>0.0545</b> $\pm$ 0.0134 <sup>b</sup>	<b>0.0455</b> $\pm$ 0.0195 <sup>b</sup>	F (3, 98) = 144.1	0.0001 *
25	<b>0.9309</b> $\pm$ 0.0155 <sup>a</sup>	<b>0.08124</b> $\pm$ 0.0256 <sup>b</sup>	<b>0.0746</b> $\pm$ 0.0253 <sup>b</sup>	F (3, 91) = 2242	0.0001 *