



Title	Ant attendance reduces flight muscle and wing size in the aphid <i>Tuberculatus quercicola</i>
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Supplementary figure 1. Comparison of ant-attended and ant-excluded aphids for (a) mesonotum length, (b) wing area, (c) whole section, and (d) flight muscle. The linear regression lines shown as solid lines fitted to the closed circles and the broken lines fitted to the open circles indicate the relationships between body length and each parameter for ant-attended and ant-excluded aphids, respectively. Regression equation, regression coefficient, and statistically significant for regression coefficient for solid and broken lines are as follows: (a) $y = 0.178x + 0.079$, $R^2 = 0.558$, $p < 0.0001$ and $y = 0.189x - 0.071$, $R^2 = 0.518$, $p < 0.0001$, (b) $y = 1.189x - 0.531$, $R^2 = 0.588$, $p < 0.0001$ and $y = 1.388x - 0.806$, $R^2 = 0.531$, $p < 0.0001$, (c) $y = 0.171x - 0.069$, $R^2 = 0.46$, $p < 0.0001$ and $y = 0.206x - 0.116$, $R^2 = 0.431$, $p < 0.0001$, and (d) $y = 0.064x - 0.041$, $R^2 = 0.102$, $p < 0.0001$ and $y = 0.097x - 0.089$, $R^2 = 0.156$, $p < 0.0001$.