Supplementary Figure 1. Air temperatures recorded by the CSRL, USDA-ARS weather station located in Lubbock, TX (http://www.lbk.ars.usda.gov/WEWC/weather-nlbb-data.aspx).

(A): Daily maximum air temperature from May 16 to August 10 in 2004, 2005, 2006 and 2007; (B): Air temperatures from 6:00 am to 11:59 pm on June 16 to June 22, 2007 recorded in 5 min intervals.
Supplementary Figure 2. Total lipid content (nmol/mg dry weight) in pooled 2nd to 4th leaf samples from B76 and B106 plants after 0, 1, 2, and 3 d at 38°C/30°C (14h/10h, d/n).