

**Additional file 5.** Effect of cold treatment on anthocyanin content in the *jar1-1* and *coi1-16* mutants and their respective wild types, Col-0 and Col-*gl*. The plants were grown in compost at warm temperature for 39 days before temperature treatment of 27 days at warm temperature (red bars) or cold temperature (blue bars). Data are means of 5 plants +SE.