**Supporting Information 1**

**S1 Table 1. Description of samples used and their NCBI SRA links.**

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| **Sample** | **Description** | **NCBI Biosample number a** |
| Leaves | Leaves from 3 month old plants grown under long days. Tissue was taken ~2 cm from leaf tip. | 5898004 |
| Roots | Whole roots from 3 month old plants | 5898005 |
| Immature flower heads | Small immature flower head from 14 month old plants - floral buds not visible without dissection. | 5898006 |
| Un-open Flowers | Flowers clearly formed but unopened from 14 month old plants | 5898007 |
| Open flowers with pollen | Opened flowers with pollen from 15 month old plants | 5898008 |
| Older flowers | Flowers that are all open from 15.5 month old plants | 5898009 |

**a Retrieve at** www.ncbi.nlm.nih.gov/biosample