Datasets used in the creation of Fig. 5 (*C. americana* only) and Supplementary Fig. 6

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| --- | --- | --- |
| **Species** | **SRR identifier** | **Tissue Type** |
| *Callicarpa americana* | SRR8927023 | open flower |
| SRR8927024 | root |
| SRR8927025 | fruit |
| SRR8927026 | closed flower |
| SRR8927027 | young leaf |
| SRR8927028 | mature leaf |
| SRR8927029 | petiole |
| SRR8927030 | stem |
| *Hyssopus officinalis* | SRR8931120 | mature leaf |
| SRR8931118 | stem |
| SRR8931117 | young leaf |
| SRR8931115 | petiole |
| SRR8931116 | root |
| SRR8931114 | closed flower |
| SRR8931113 | open flower |
| *Leonotis leonurus* | SRR5150731 | leaf |
| *Pogostemon cablin* | SRR13949260 | young leaf |
| SRR13949262 | young stem |
| SRR13949274 | young root |
| SRR13949268 | seedling |
| SRR8769985 | flower |
| SRR8820009 | leaf with high light |
| SRR8809557 | leaf with low light |
| SRR8793583 | leaf with no light |
| SRR8775238 | leaf with ethylene |
| SRR8767851 | leaf with abscisic acid |
| SRR8835225 | leaf with methyl jasmonate |
| *Salvia miltiorrhiza* | SRR17674928 | open flower |
| SRR13861127 | root |
| SRR11126657 | stem |
| SRR9678069 | roots with UVB |
| SRR1640458 | velamen, cortex and xylem |
| SRR1045051 | leaf |
| SRR946950 | leaf with methyl jasmonate |
| SRR19500593 | leaf with abscisic acid |
| SRR19500602 | root with abscisic acid |
| *Scutellaria baicalensis* | SRR8449931 | root |
| SRR8449932 | leaf |
| SRR8449935 | stem |
| SRR7689123 | flowers, flowers buds, leaves, root, and stems with methyl jasmonate |
| SRR7665600 | flowers, flowers buds, leaves, root, and stems |
| *Tectona grandis* | SRR4017280 | random sample of total transcriptome |
| SRR4017281 | random sample of total transcriptome after drought treatment |
| SRR2080156 | seedling |
| SRR2080154 | leaf |
| SRR2080155 | root |
| SRR2080153 | flower |