Proposed stress treatments for *Scutellaria* plants.

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| **#** | **Treatment** | **Proposed method** | **Source** |
| 1 | UV-B exposure | Expose plants to 3 µmol m-2 s-1 UV-B for 3 hours, then take tissue samples. | https://doi.org/10.1111/nph.16581 |
| 2 | Dark stress | Keep plants in complete darkness for 10 days, then take tissue samples. | https://doi.org/10.1038/s41598-020-68917-z |
| 3 | High light | Keep plants under high light (need intensity and temperature data for the lights that we have) for 10 days, then take tissue samples. |  |
| 4 | Drought | Withhold water from plants for 5-10 days. Record exact day when severe wilting is observed, and then take tissue samples. |  |
| 5 | Silver nitrate | For foliar application, spray solution of 200 ppm on top and bottom of leaf surfaces of plants until runoff occurs. Take tissue samples 5-7 days after treatment. | https://doi.org/10.2503/hortj.UTD-061 |
| 6 | Jasmonic acid | For foliar application, spray solution of 0.2 mg/mL on top and bottom leaf surfaces of plants until runoff occurs. Take tissue samples 5-7 days after treatment. | https://doi.org/10.1007/s10886-005-6070-y |
| 7 | Salt stress | Water plants with 200 mM NaCl, then take tissue samples 1 week after beginning treatment. | https://doi.org/10.1016/j.heliyon.2019.e02614 |
| 8 | Control |  |  |