

Supplemental Table V. Significant correlations between gene expression patterns and phenotypes. Bootstrapping analyses correlated gene expression patterns across the 74 ILs with three phenotypes in under both sun and shade treatments. Genes with significant correlations that also have eQTL are listed.

| Phenotype | Treatment | Significant Positive Correlations | Significant Negative Correlations | Significant Positive Correlations with eQTL | Significant Negative Correlations with eQTL |
|------------------|-----------|-----------------------------------|-----------------------------------|---|---|
| Leaf Number | Sun | 257 | 27 | 112 | 17 |
| | Shade | 22 | 0 | 15 | 0 |
| Leaf Complexity | Sun | 8 | 9 | 5 | 6 |
| | Shade | 17 | 28 | 11 | 14 |
| Hypocotyl Length | Sun | 0 | 1 | 0 | 1 |
| | Shade | 11 | 1 | 5 | 1 |