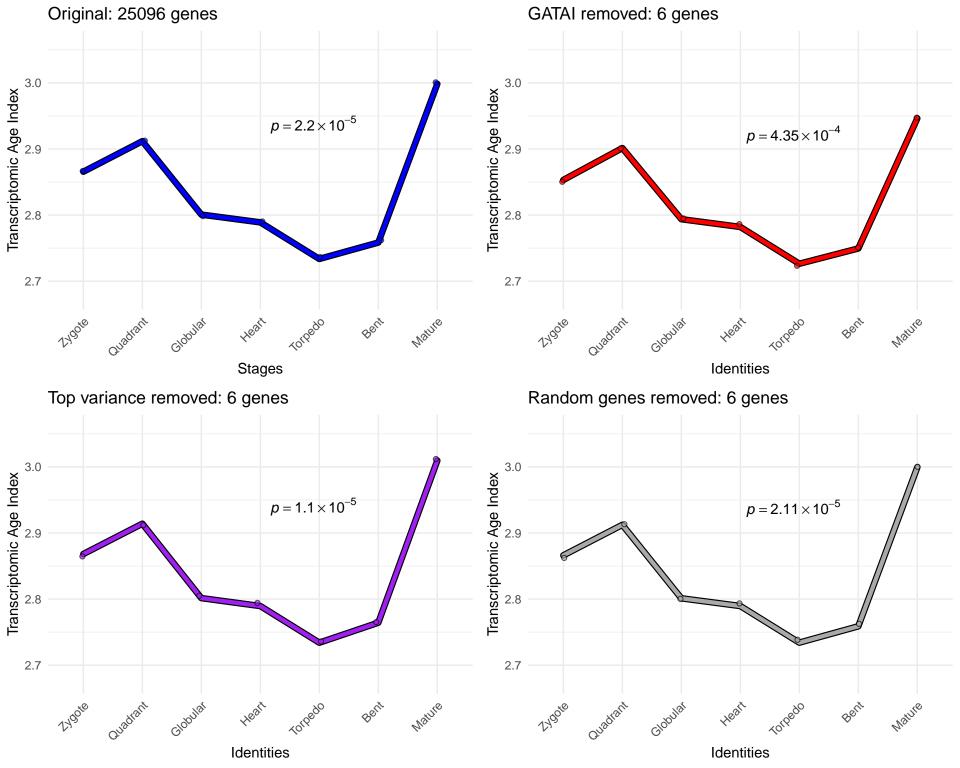
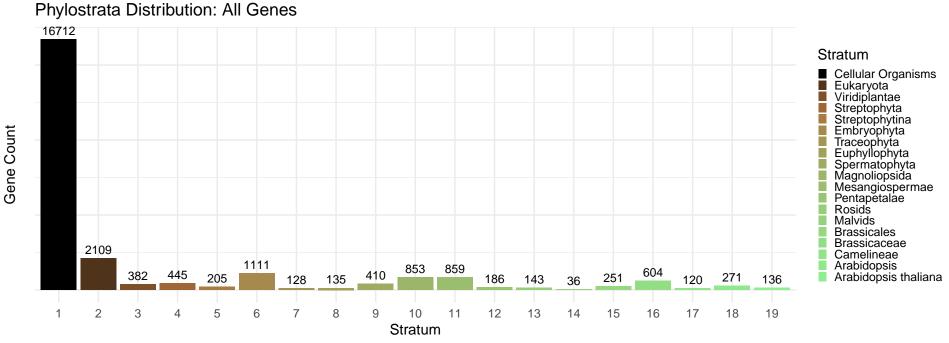
GATAI Removed Gene IDs

Total removed genes: 6 Gene IDs:

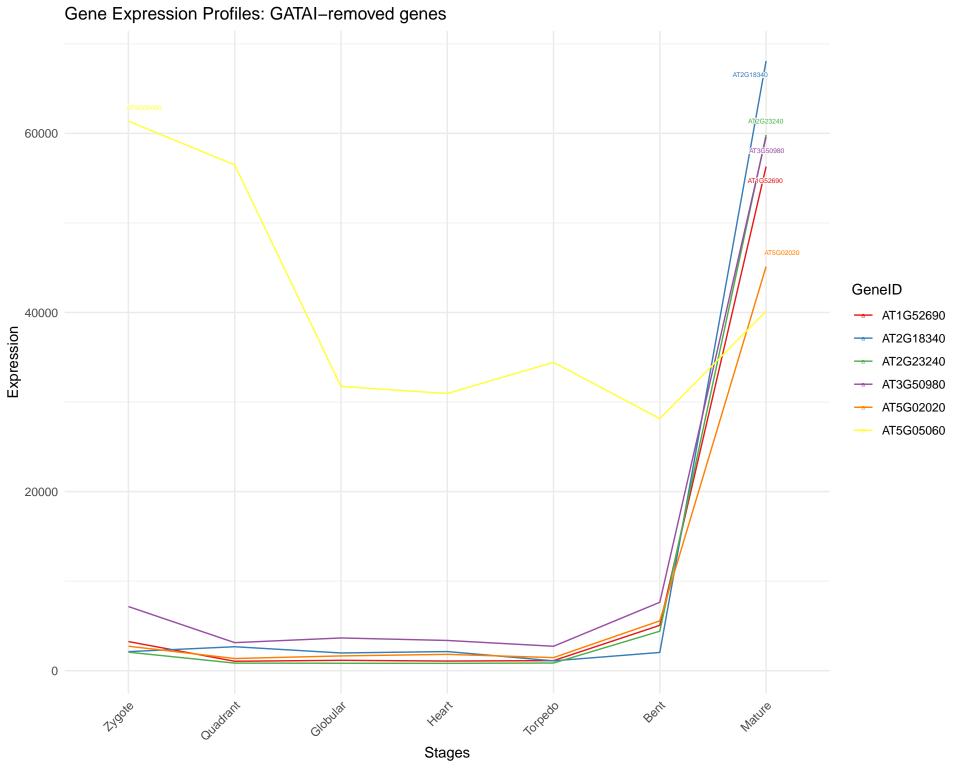
AT1G52690, AT2G18340, AT2G23240, AT3G50980, AT5G02020, AT5G05060



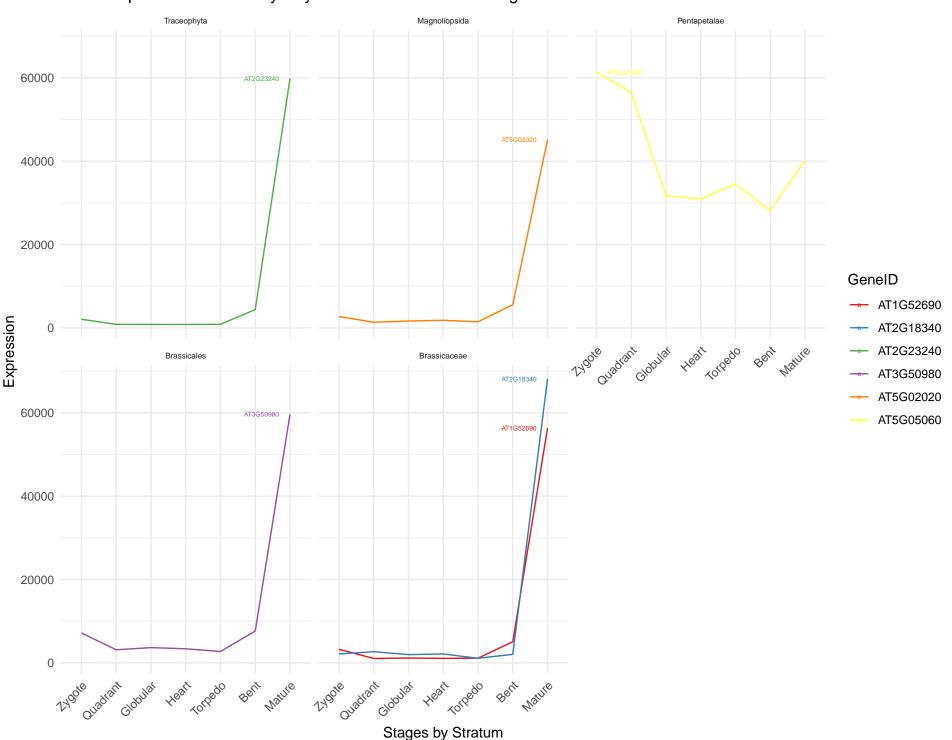


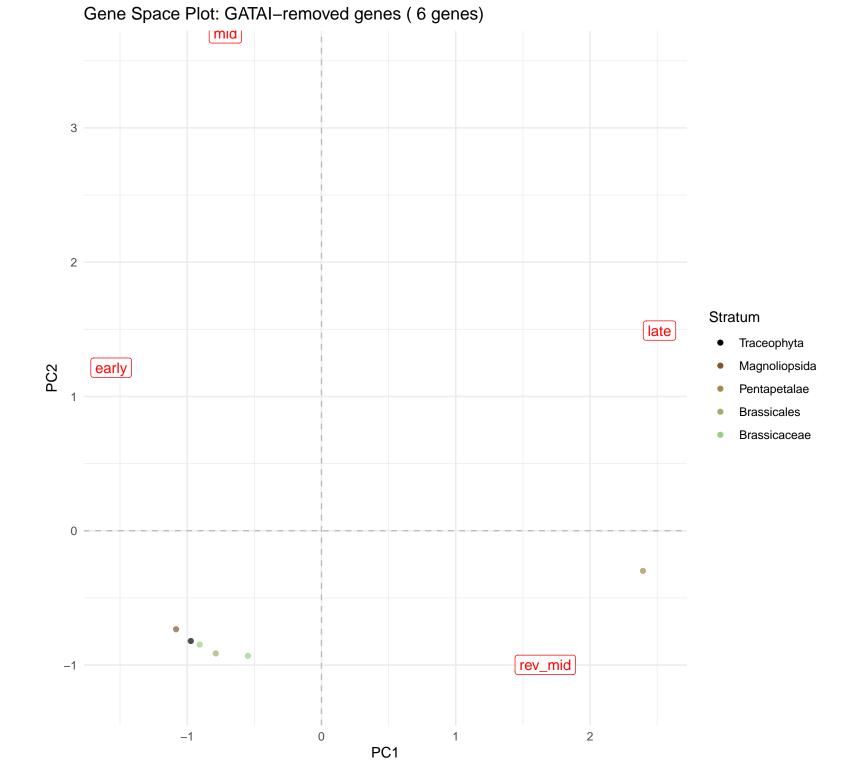


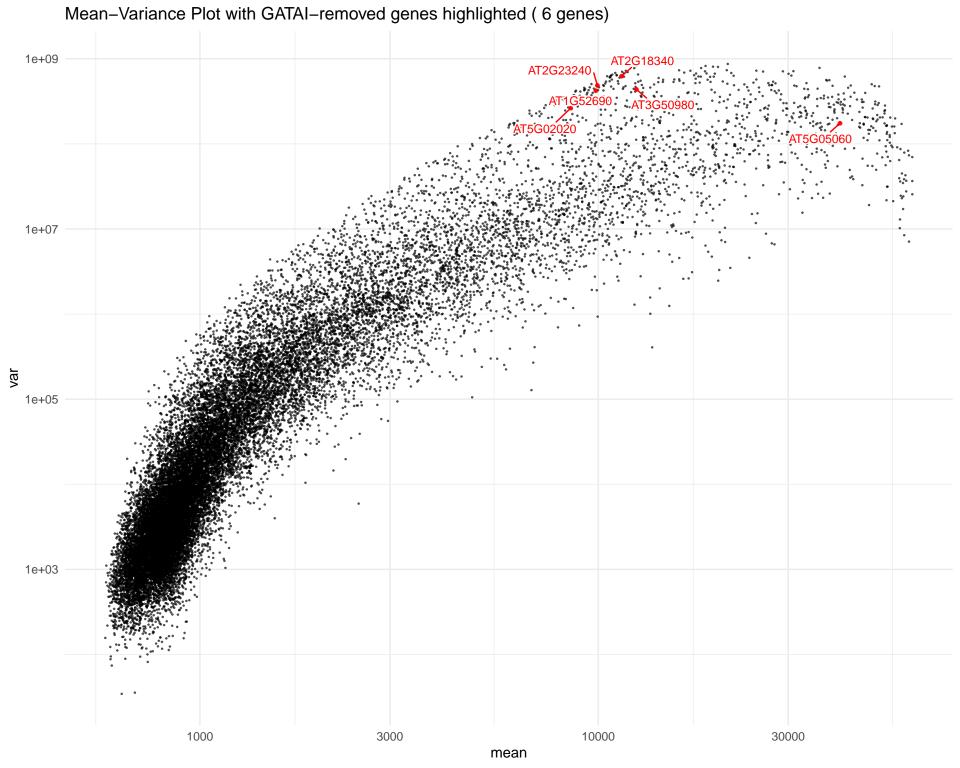
Expression Heatmap: GATAI-removed genes (6 genes) **Phylostratum** 2 Cellular Organisms Eukaryota 1.5 AT5G05060 Viridiplantae Streptophyta Streptophytina 0.5 Embryophyta 0 Traceophyta Euphyllophyta AT2G18340 -0.5 Spermatophyta Magnoliopsida Mesangiospermae Pentapetalae Rosids AT3G50980 Malvids Brassicales Brassicaceae Camelineae Arabidopsis Arabidopsis thaliana AT5G02020 AT1G52690 AT2G23240 Zygote Mature Globular Heart Bent **Phylostratum** Quadrant Torpedo



Gene Expression Profiles by Phylostrata: GATAI-removed genes







Conservation Test Comparison Test: Flat Line Test 2.20e-05 600 4.35e-04 Density 400 GATAI removed Original 200 0.006 Score 0.000 0.003 0.009 0.012