



Additional File 3. Lignin composition of T1 plants with fiber cell-specific *HCT* editing. Based on the results from the transient assay, HCT_gRNA12 and HCT_gRNA14 represent a less efficient sgRNA and a highly efficient sgRNA respectively. H, G, and S designate p-hydroxyphenyl, guaiacyl, and syringyl lignin units respectively. Results of two independent transgenic plants of each genotype are shown. Values were means \pm SD of two technical replicates.