



**Supplementary Figure 4 | Phylogeny of the GmCHS gene family.** Phylogenetic relationships were inferred from the sequence alignment of fourteen CHS genes. The red box indicates the 5'-untranslated region (5'-UTR), the thick black line represents exons, the thin black line denotes introns, the blue box marks the 3'-UTR, and the grey area highlights the aligned sequence regions.