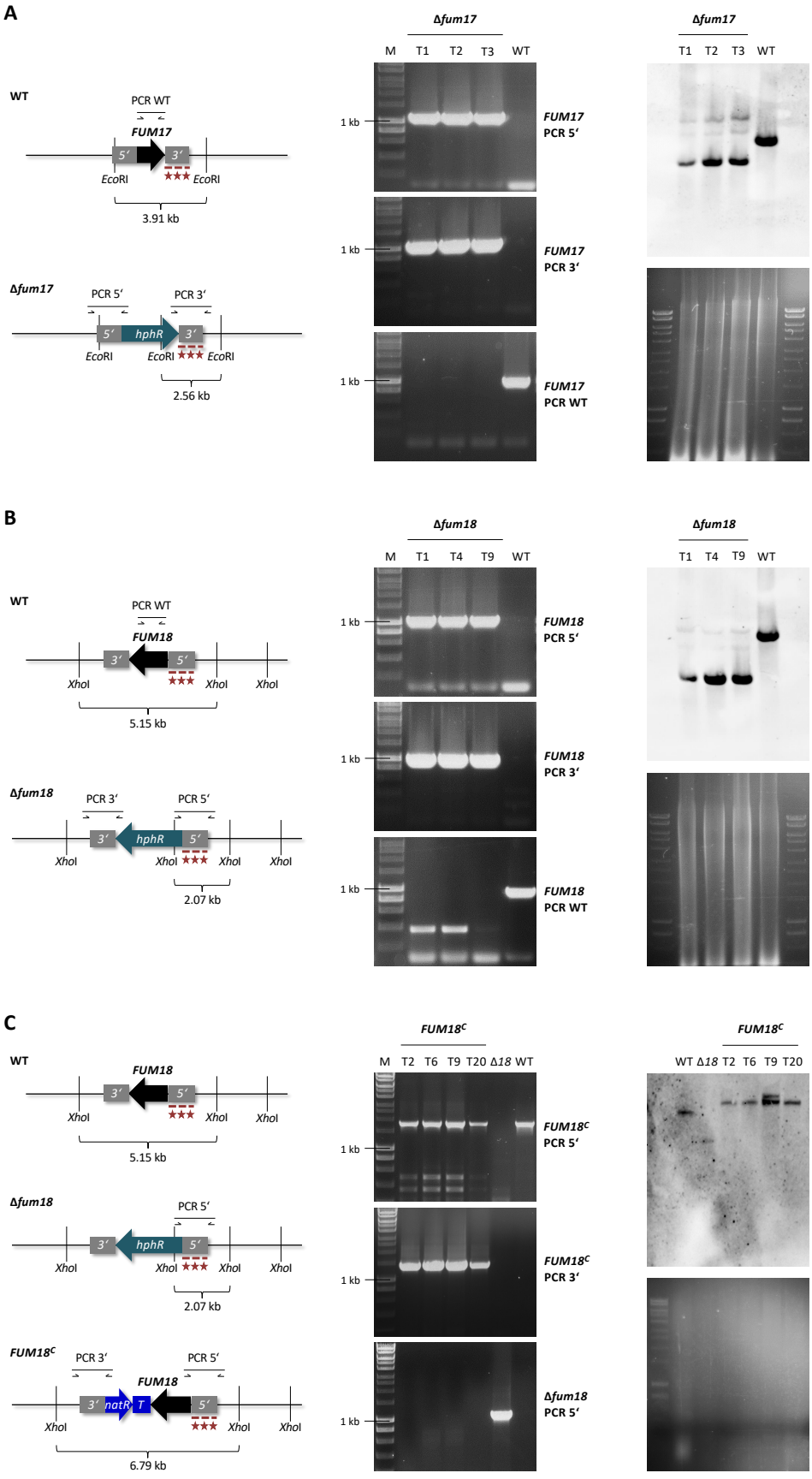

Figure S5. Verification of *FUM17* and *FUM18* single mutants by diagnostic PCR and Southern blot. A) Deletion of *FUM17 via* homologous recombination with the hygromycin B resistance cassette (*hphR*). Diagnostic PCR verified the correct recombination of 5’ and 3’ flanks, and the absence of WT gene for three independent transformants. Genomic DNA of transformants and WT was digested with *Eco*RI, and the 3’ flank was applied for probing. **B)** Deletion of *FUM18 via* homologous recombination with *hphR*. Genomic DNA was digested with *Xho*I, and the 5’ flank was applied for probing. **C)** Complementation of Δ*fum18* with the full-length gene and nourseothricin resistance cassette (*natR*). Genomic DNA was digested with *Xho*I, and the 5’ flank was applied for probing. *FUM18*^{C} T9 showed an ectopic integration and was not chosen for further analyses.