**Supporting Information**

**S1 Fig. Targeted disruption of *AaSSK1* using a split marker approach.**

**A.** Schematic depiction of generation of truncated but overlapping hygromycin phosphotransferase gene (*HYG*) under control by the *Aspergillus nidulans* *trpC* promoter (P) and terminator (T) within *AaSSK1*. Oligonucleotide primers used to amplify each fragment are indicated.

**B.** Image of DNA fragments amplified from genomic DNA of wild type (WT) and transformants with the primer SSK1R2(-) paired with hyg4.

**C.** Image of DNA fragments amplified from genomic DNA of wild type (WT) and transformants with the primer SSK10(+) paired with SSK1R2(-), indicating that *AaSSK1* is deleted in transformants T5, T9, and T11.

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