



Figure S10 Colony morphology for disruption strain DK80 $\Delta vic6-2$ (middle panel) and replacement strain DK80 *vic6-2::vic6-1* (right panel) in which the disrupted *vic6-2* allele was replaced with an intact *vic6-1* gene. The *vic6-1* replacement strain DK80 *vic6-2::vic6-1* exhibited abnormal colony morphology, irregular margins, reduced aerial hyphae, reduced biomass production and reduced conidiation. All candidate *vic* gene disruption mutants examined in this study showed normal colony morphology.