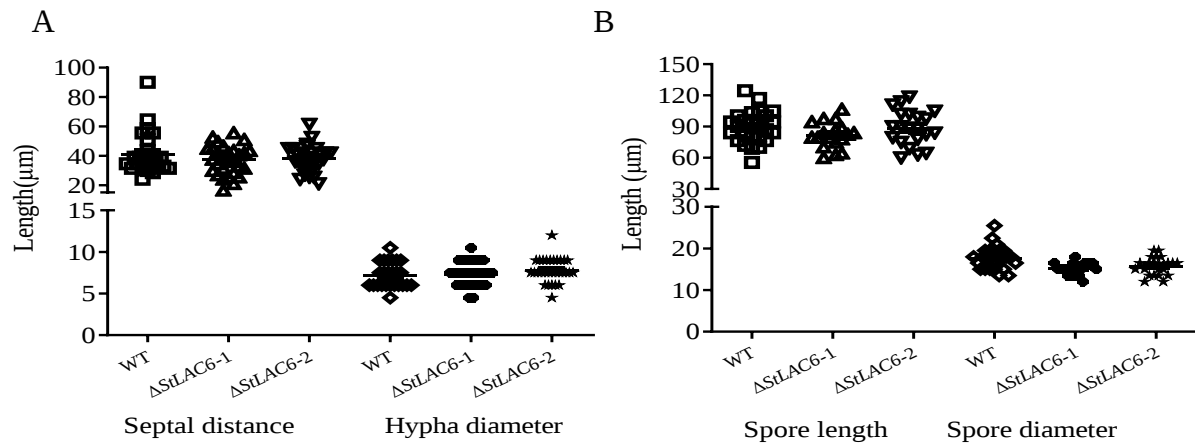
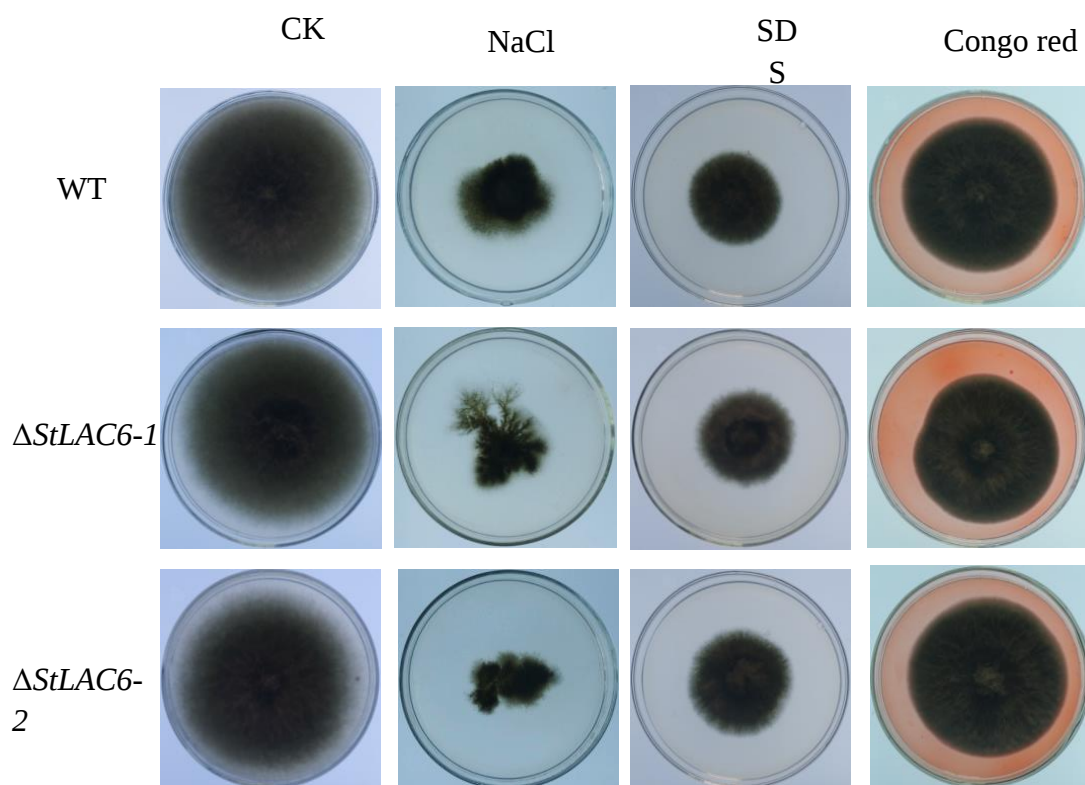


Appendix A Primer sequences used in the experiment

Primer name	Sequence (5'-3')
StLAC6-I-F	GGGGTACCCCTTCTGACGCCCGCTTTGT
StLAC6-I-R	CCGCTCGAGCGGGTGCTCCAGTGGTATTTGTGAT
StLAC6-II-F	TCCCCCGGGGACGACGCTGAAGACCGAT
StLAC6-II-R	CGAGCTCGAGGGAAGAAGGCGAGGGAG
HPH-YZ-F	AGAGCGGATTCTCAGTC
HPH-YZ-R	CCCTTCCTCCCTTTATTT
LAC6-HPH-F	CCAGCCACCCAAGAACG
LAC6-HPH-R	GCAAAGTGCCGATAAACATA
HPH-S-F	CTGCTCCATACAAGCCAACCAC
HPH-S-R	CGACAGCGTCTCCGACCTGAT
RT-StLAC6-F	TGCAAACATCAGGAGCAT
RT-StLAC6-R	TCGTCTTGCGGTAGGGT
β -tubulin-F	GTGCGCAAGGAGGCTGAGGG
β -tubulin-R	CATGAAGAAATGGAGACGGGGGAA



Appendix B The morphology of hypha and spore of $\Delta StLAC6$. A, mycelial compartment length and hyphal diameter of wild type of *Setosphaeria turcica* 01-23 and the mutants of *StLAC6* knockout. B, spore length and spore diameter of wild type of *Setosphaeria turcica* 01-23 and the mutants of *StLAC6* knockout.



Appendix C The effect of *StLAC6* on the function of cell wall and membrane of *Setosphaeria turcica*