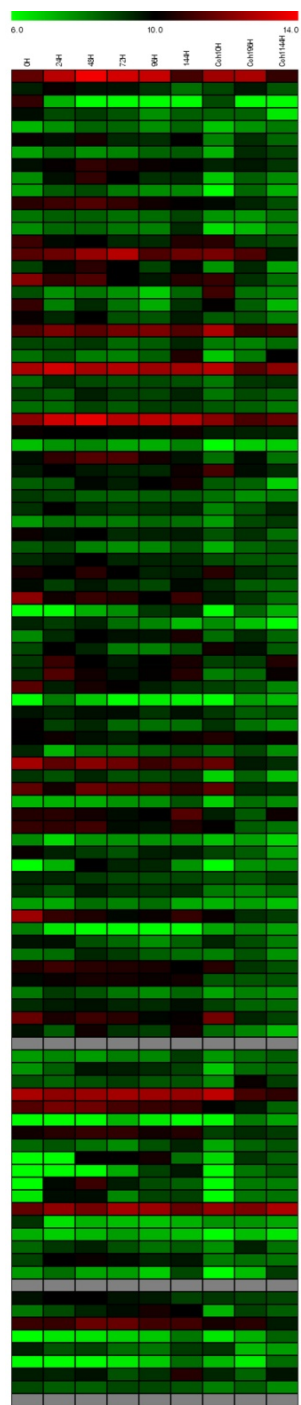




Group 1: Mutants produced more perithecia than the wild-type strain

Group 2: Mutants exhibited completely lack perithecia development

Group 3: Mutants showed decreased numbers of perithecia or delayed perithecia maturation_normal-shaped ascospore formation

Group 4: Mutants showed decreased numbers of perithecia or delayed perithecia maturation_abnormal-shaped ascospore formation

Group 5: Mutants showed decreased numbers of perithecia or delayed perithecia maturation_no ascospore formation

Group 6: Mutants exhibited normal perithecia development but produced abnormally-shaped ascospores

Group 7: mutant produced neither asci nor ascospores