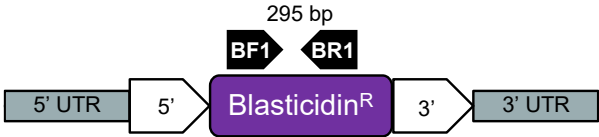
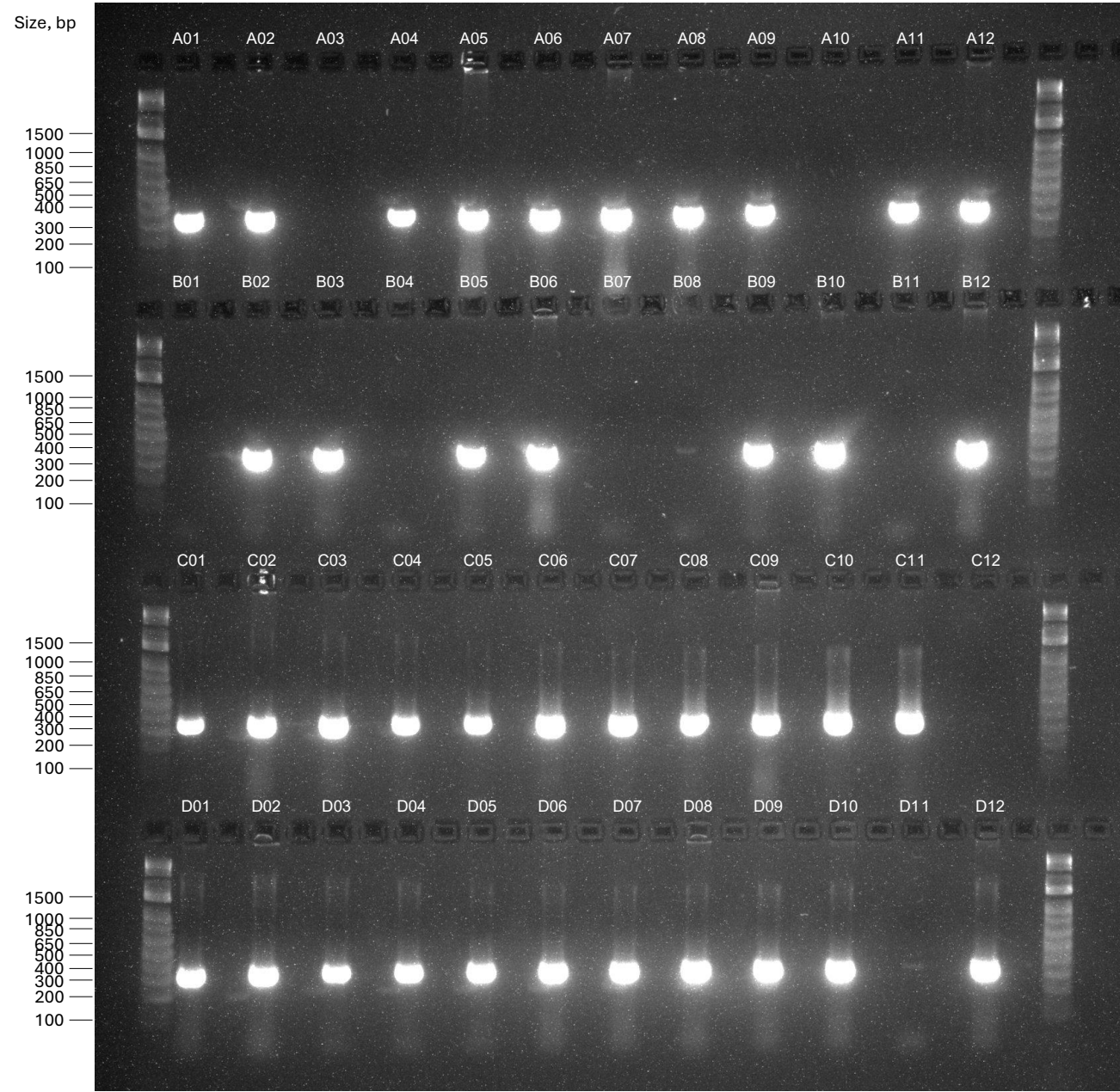


(A) Control PCR amplification of the blasticidin S acetyltransferase (Bla) encoding gene from mutant gDNA



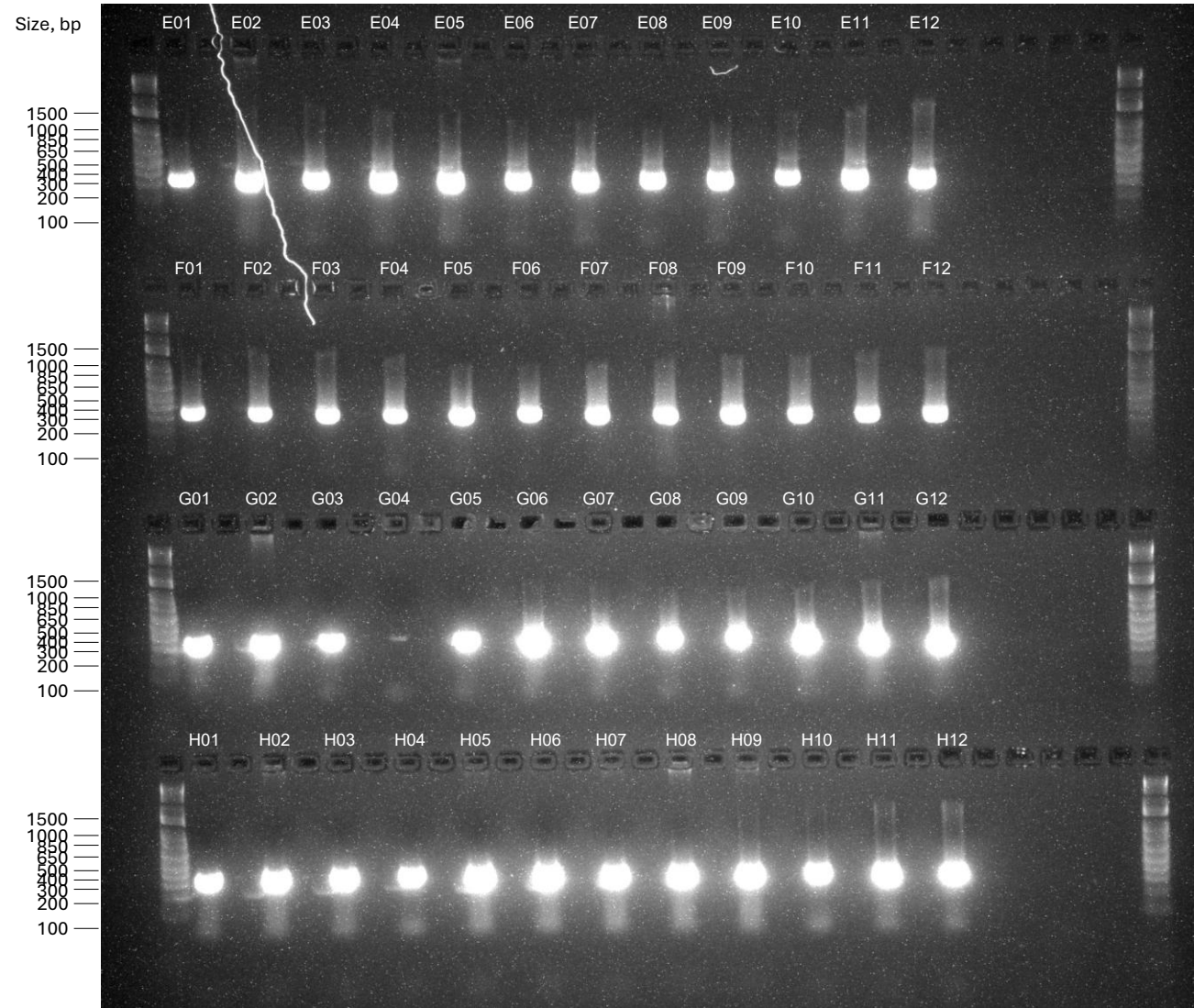
Group 1



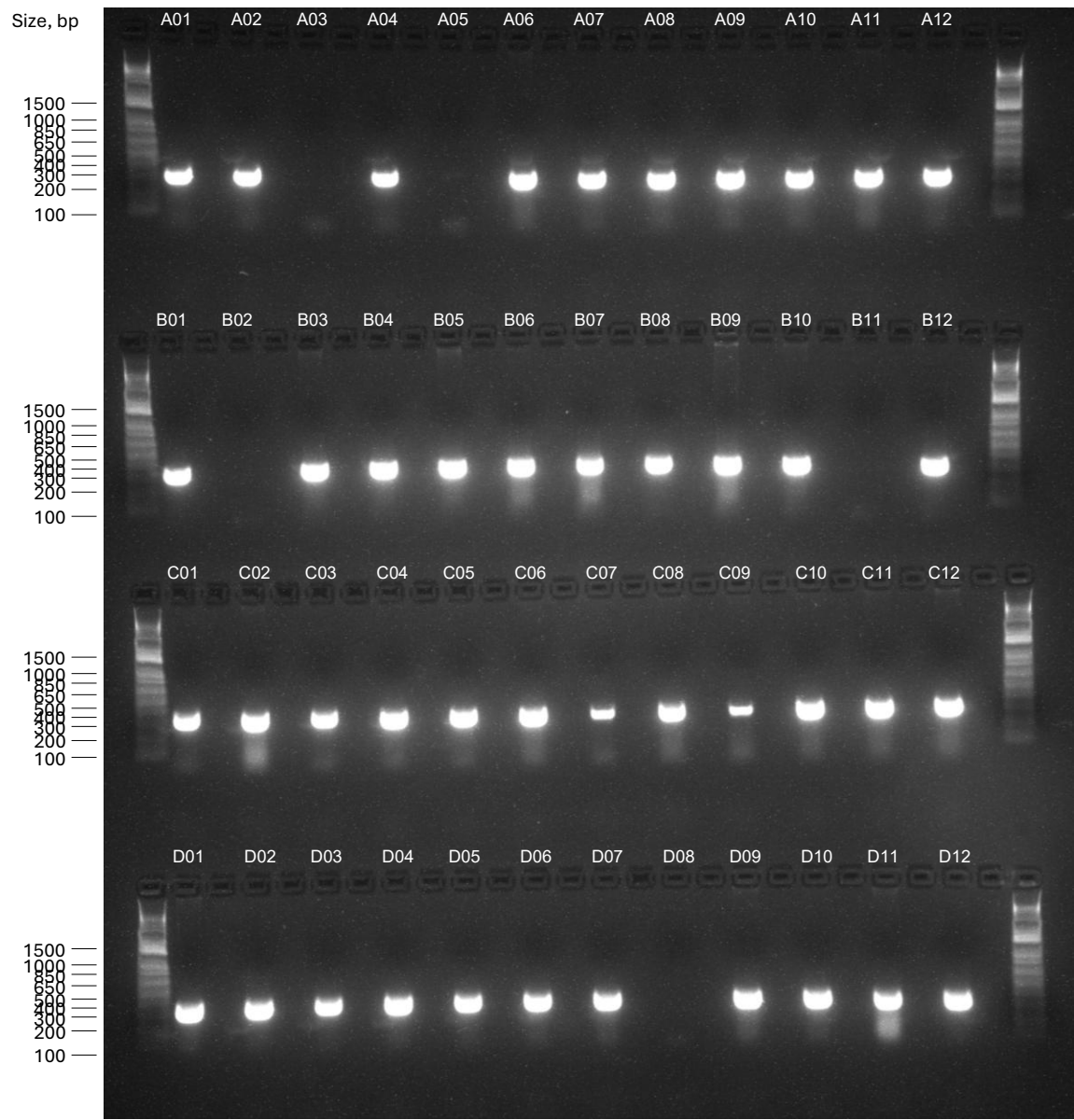
DNA ladder
1Kb Plus Dna Ladder, Ref. 10787018, ThermoFisher

Supplementary Figure 2

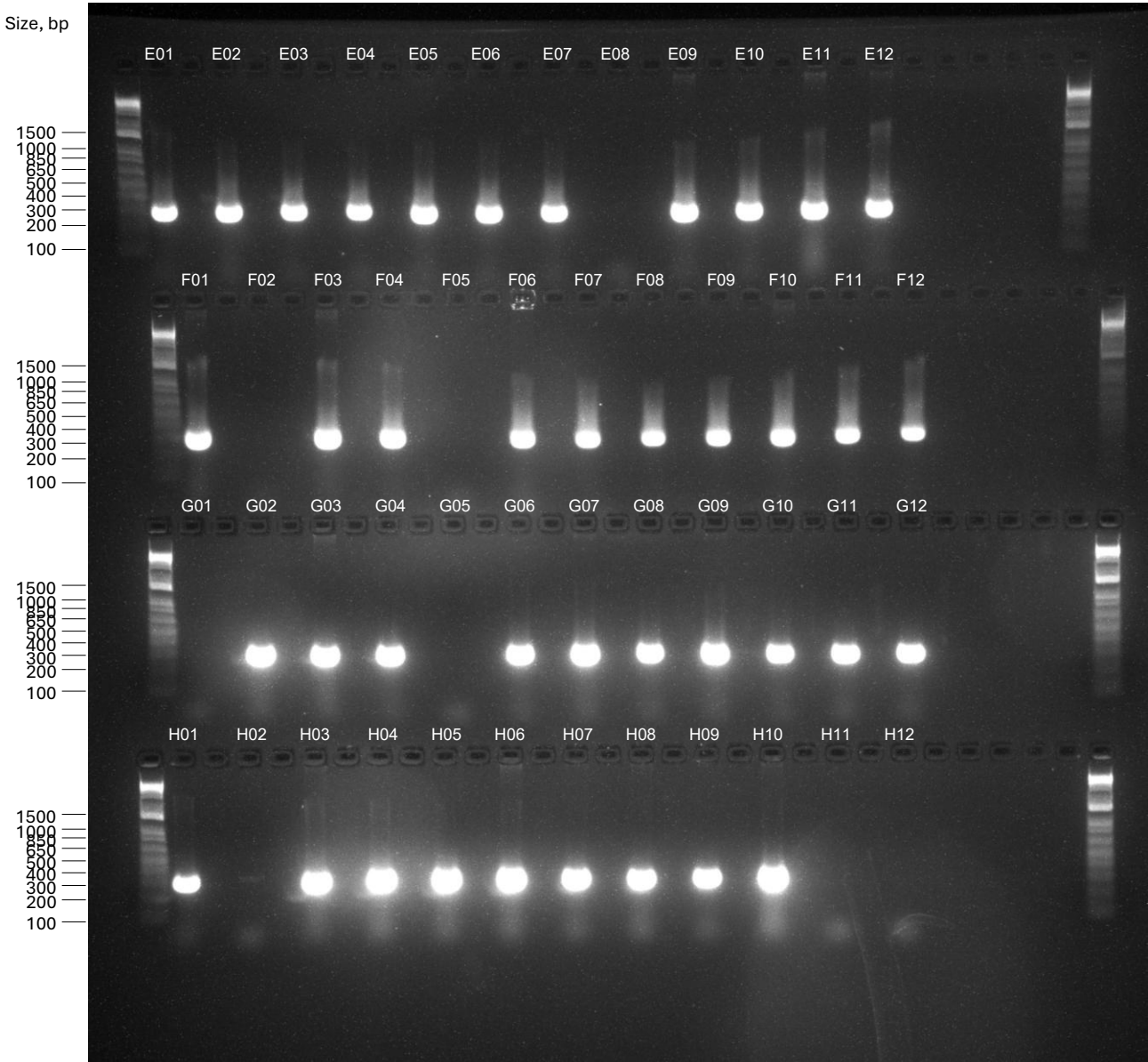
Group 1



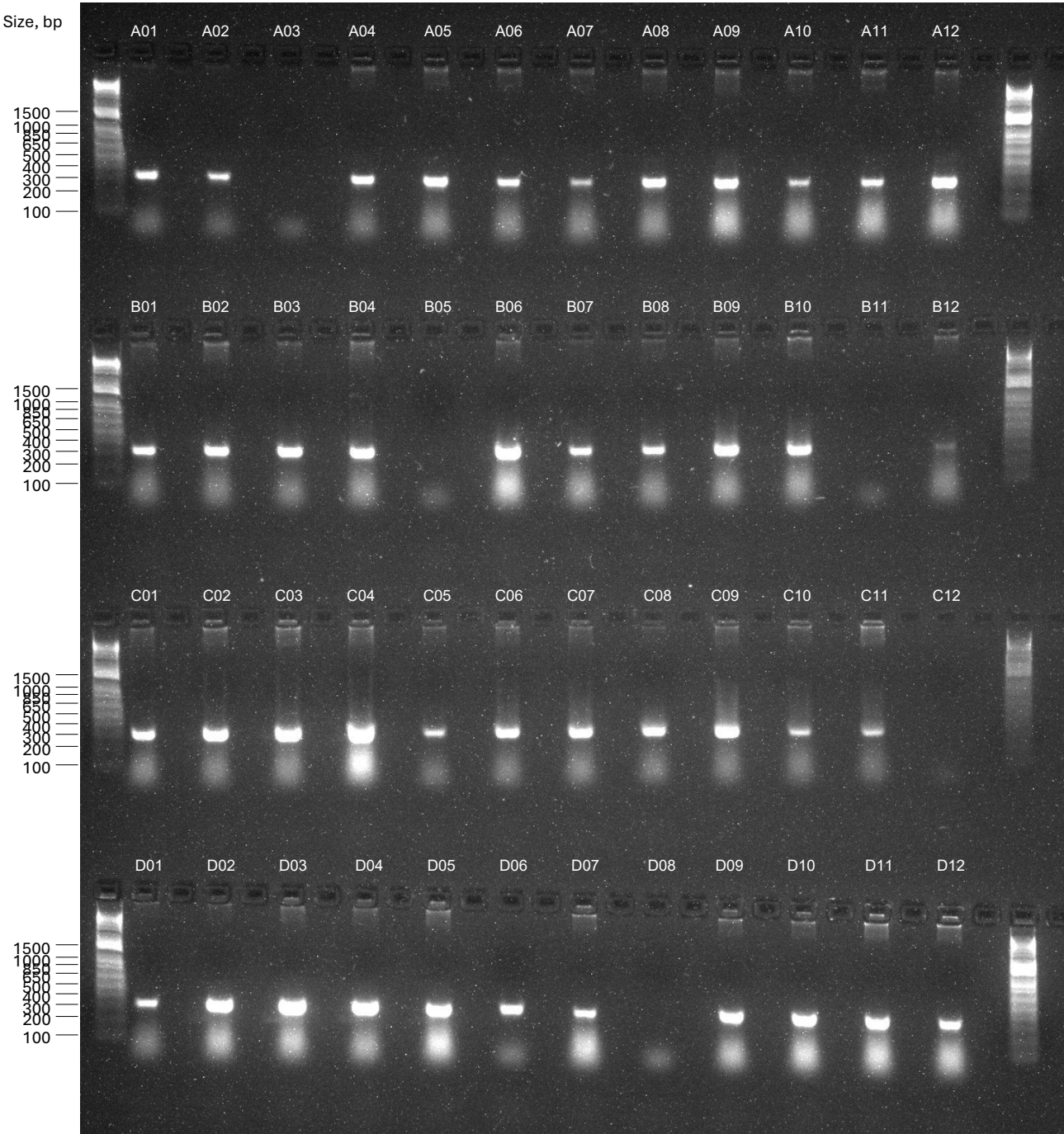
Group 2



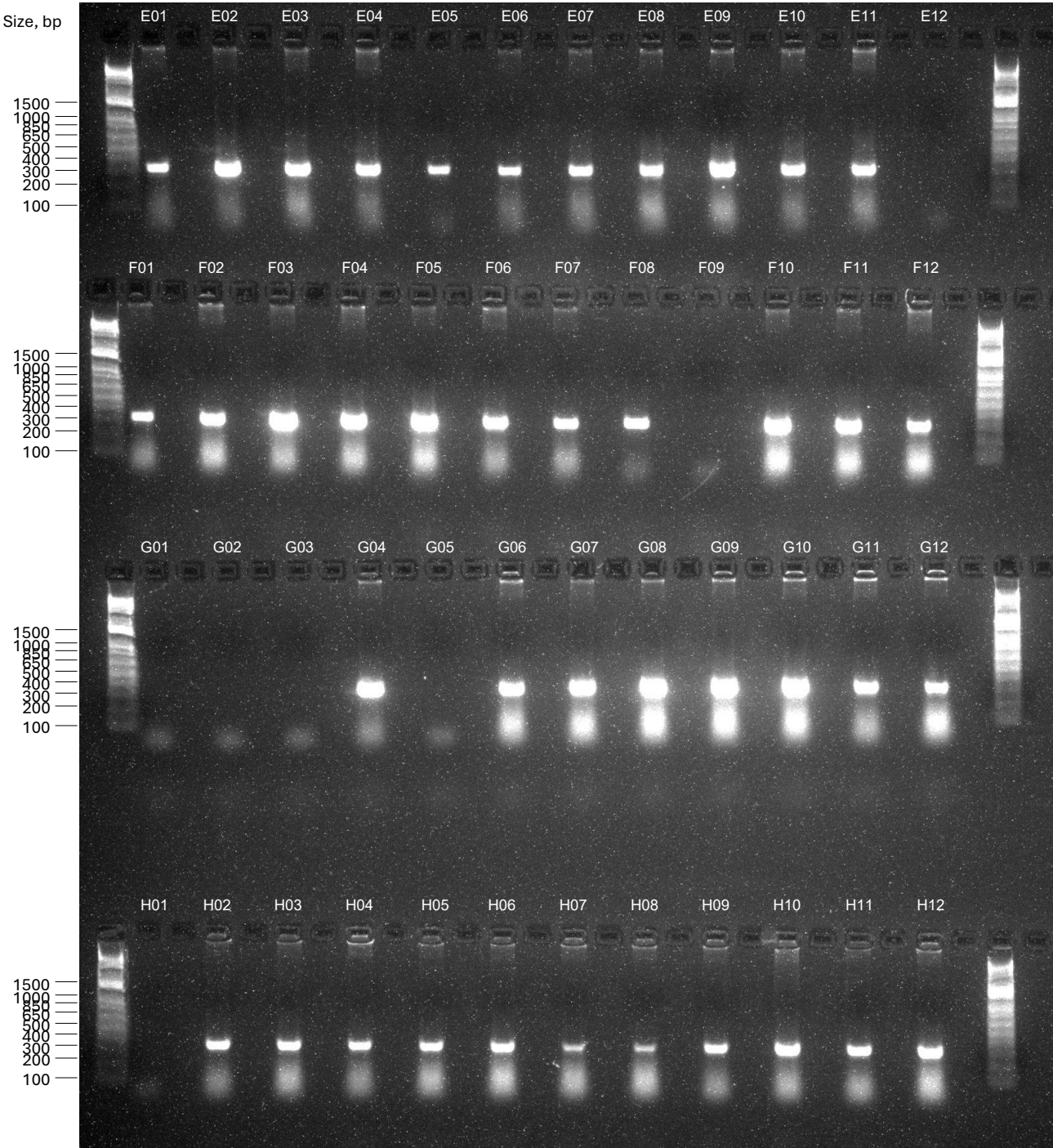
Group 2



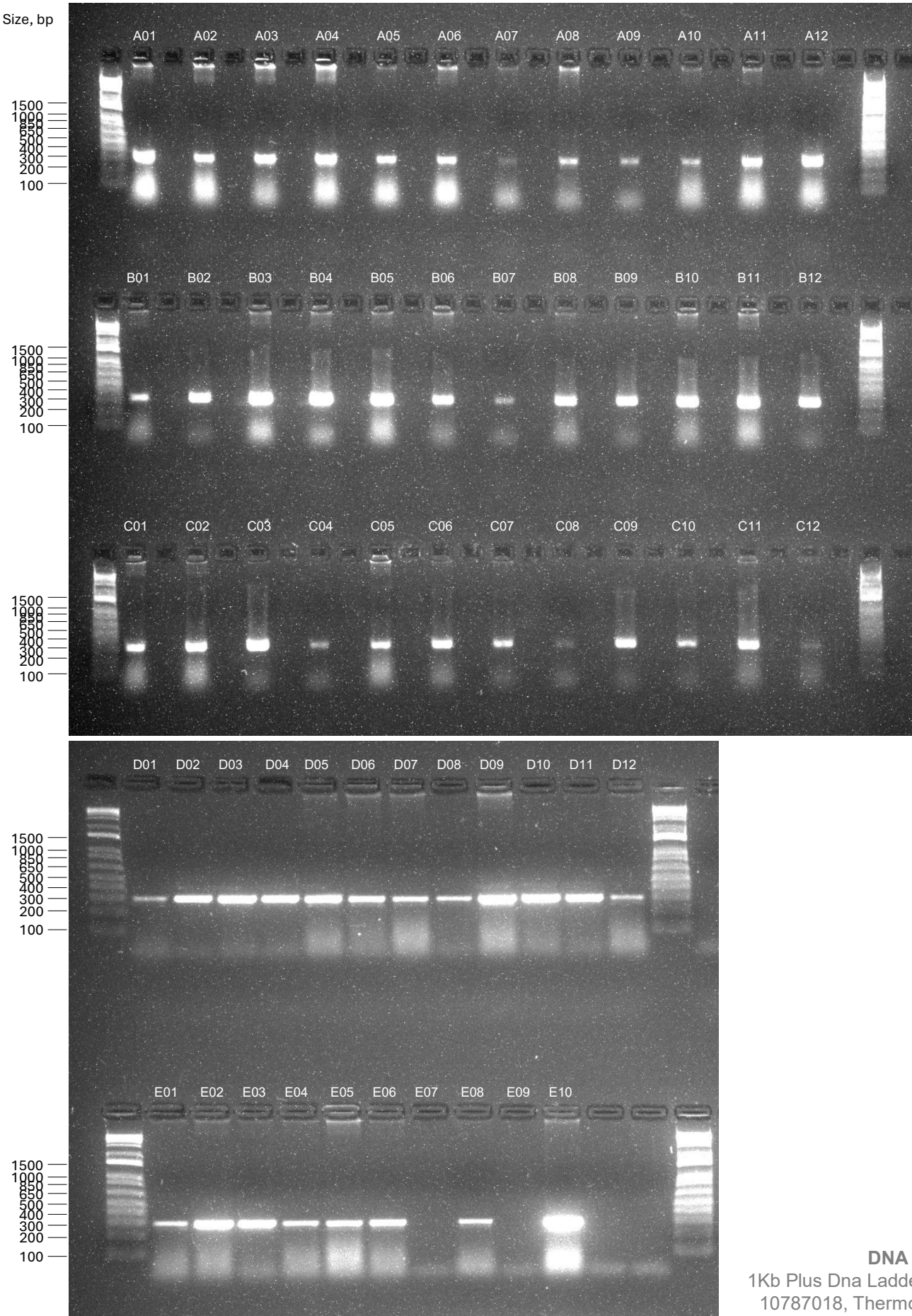
Group 3



Group 3



Group 4

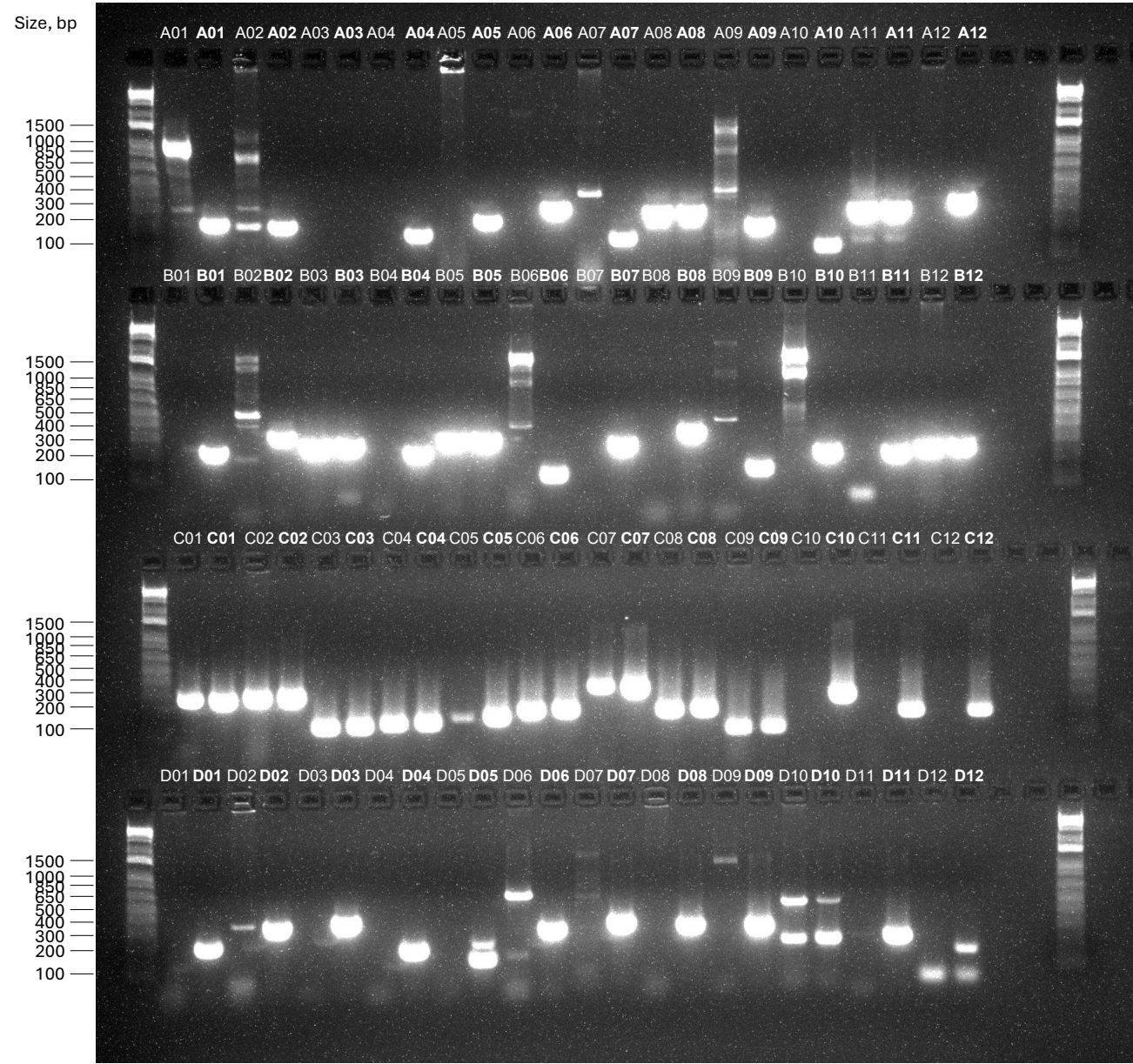


(B) Diagnostic PCR amplification of target gene for KO validation

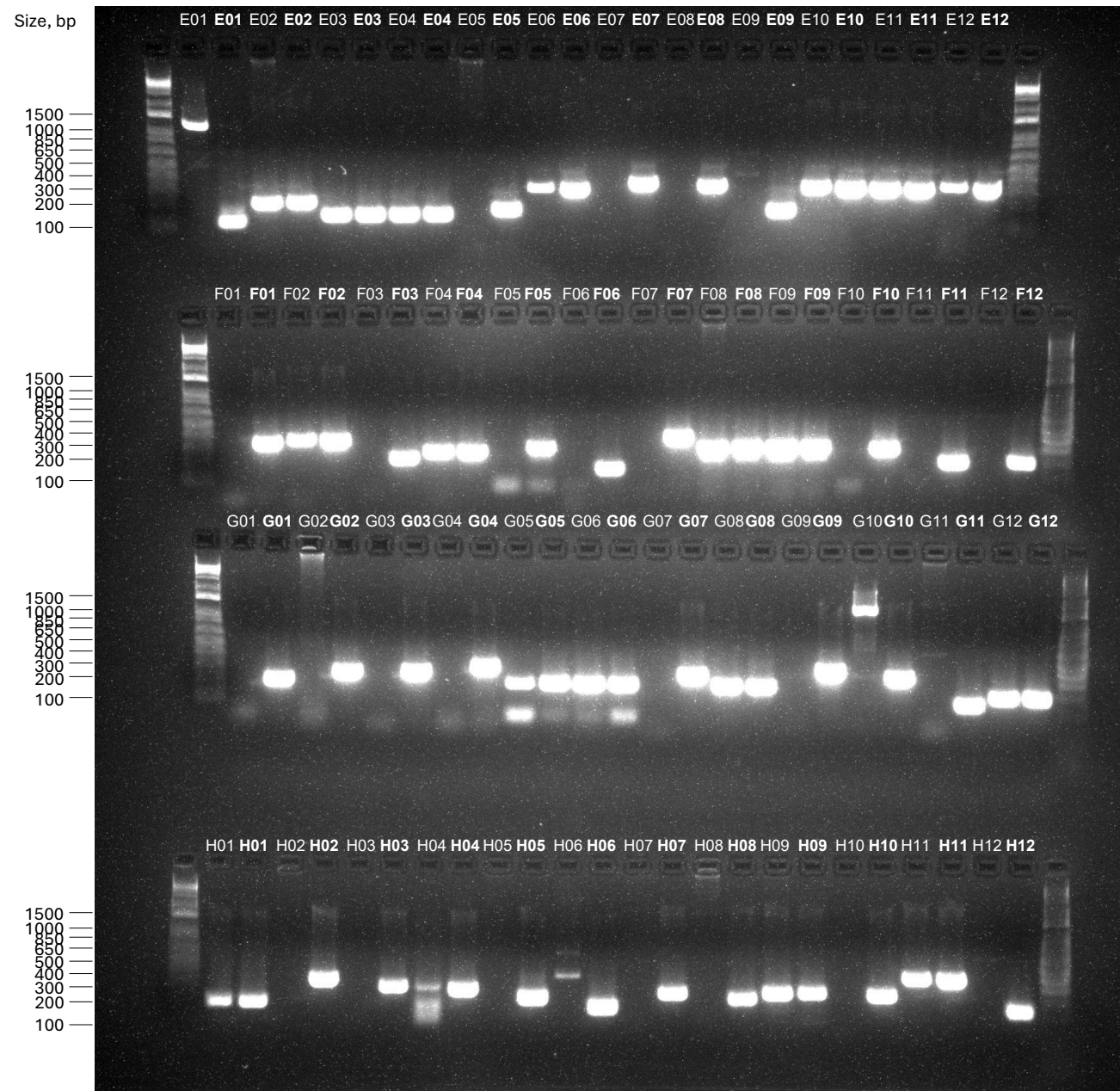
Left lane, Mutant gDNA
Right lane, Parental gDNA (control)



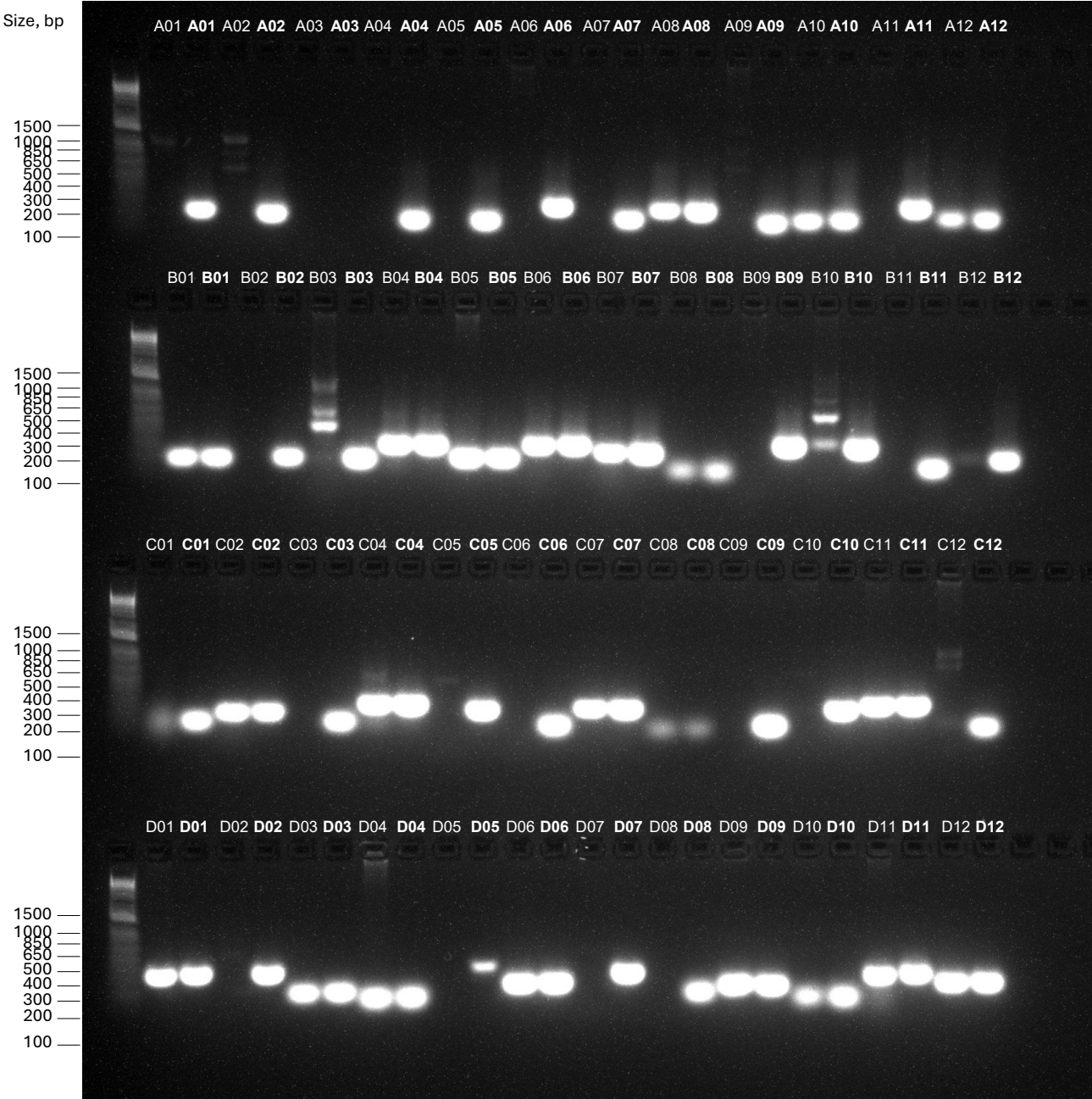
Group 1



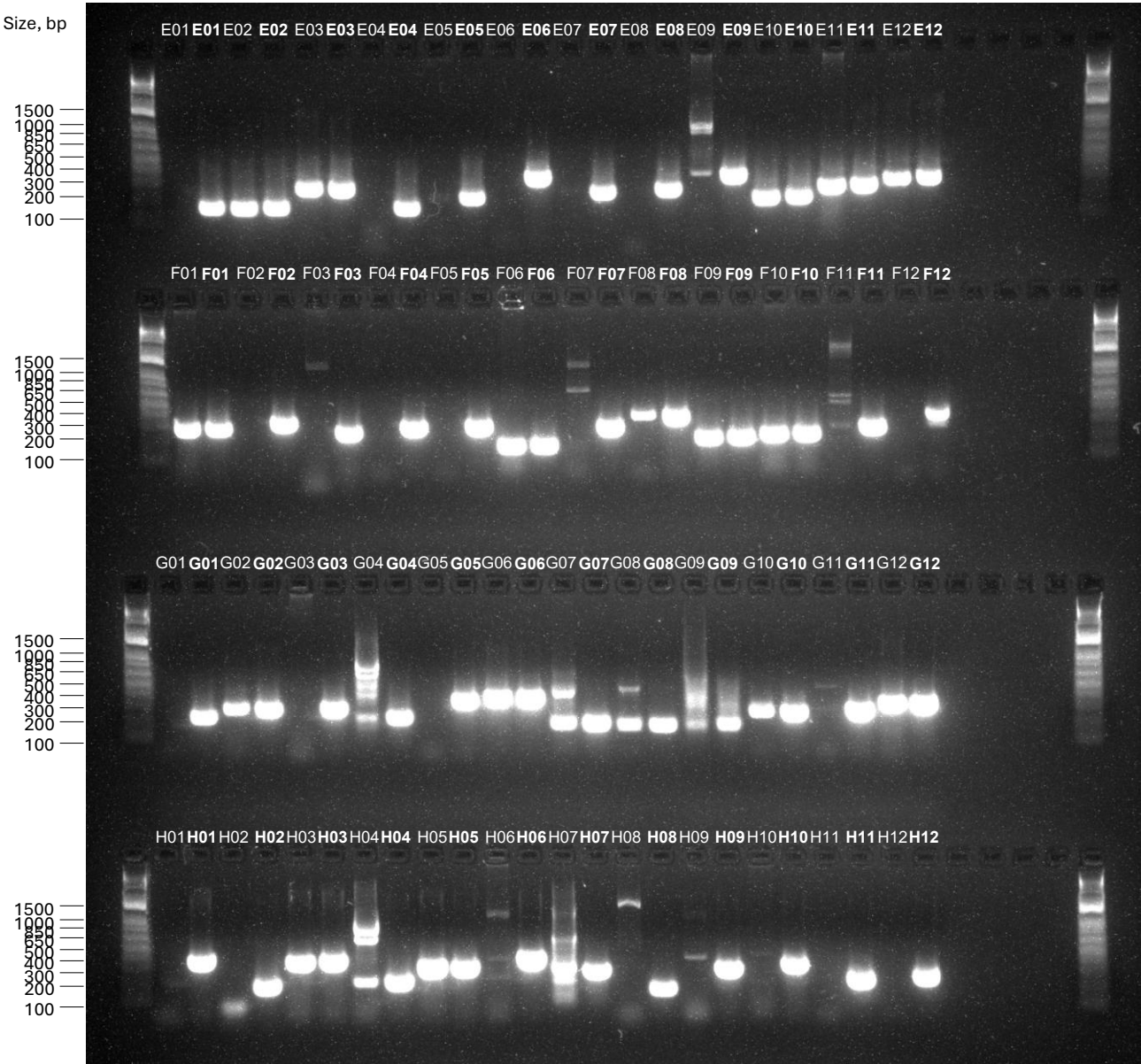
Group 1



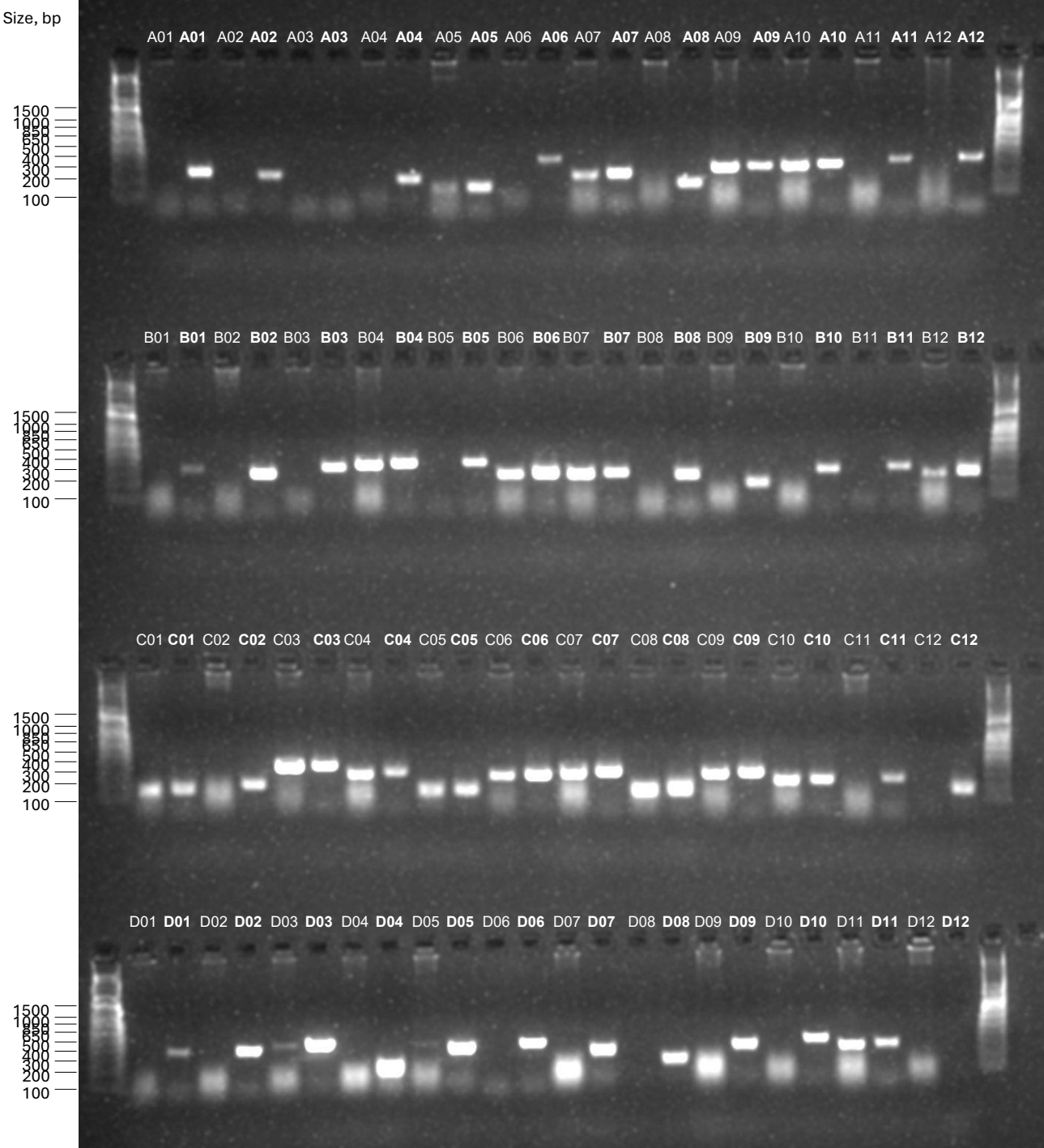
Group 2



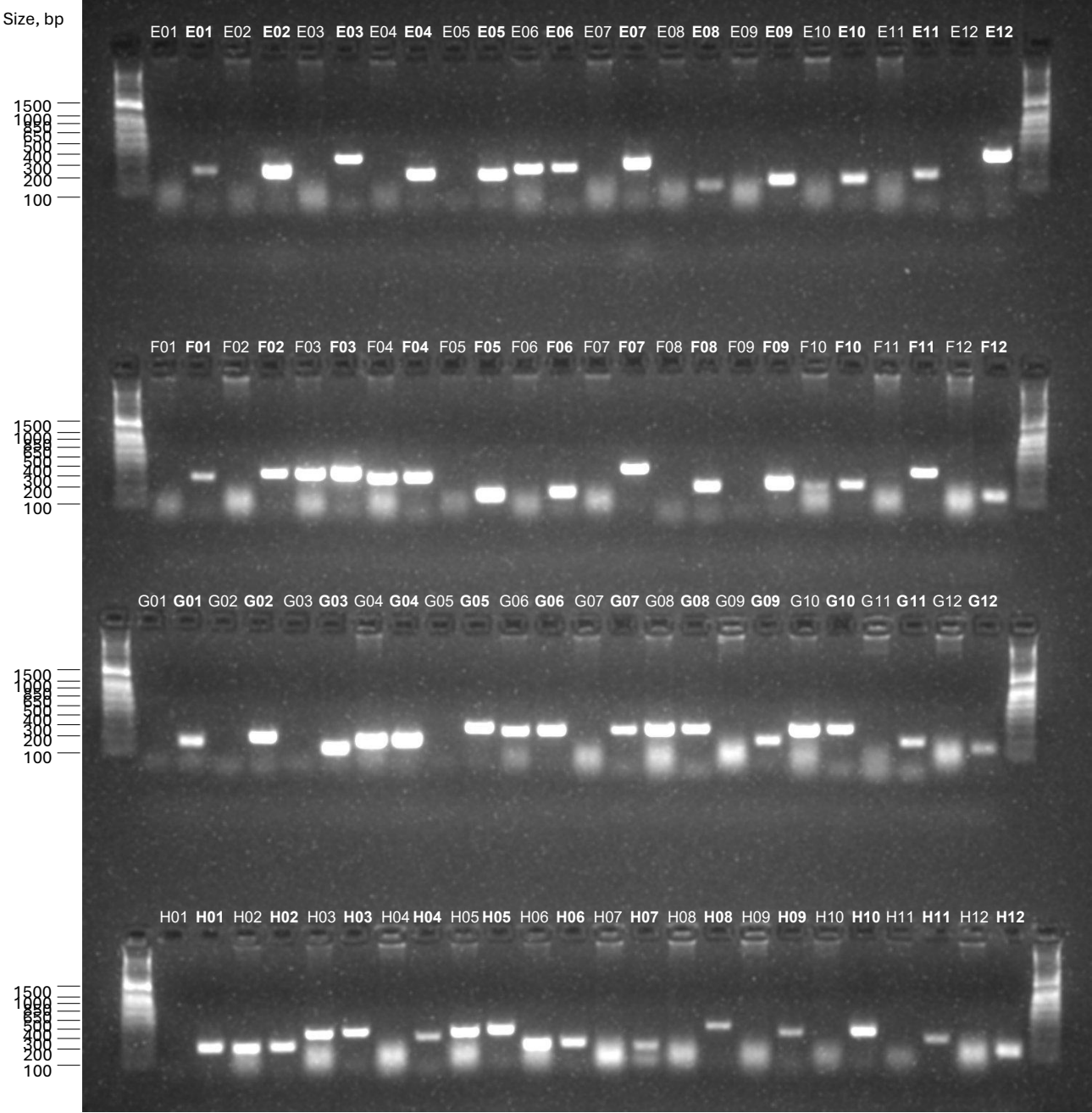
Group 2



Group 3



Group 3



Group 4

