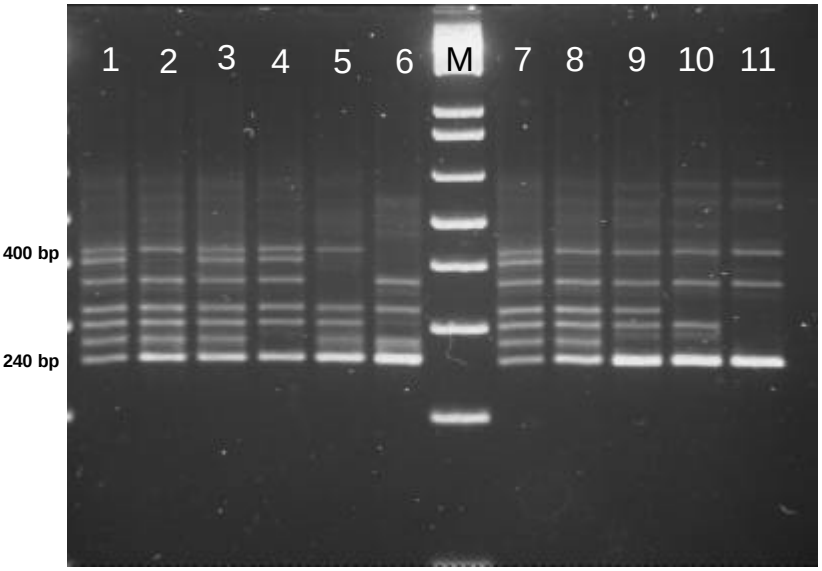
DNA gel-electrophoresis of samples obtained by the PCR-based "DNA-flag test" on *A. niger* ISO strains having different compositions of the Δ*gla*A loci as a result of gene-conversion or amplification events



Lanes 1-6: DNA-patterns of production strains having still all 7 marked Δ*gla*A loci single in lane 1; a conversion of *Bam*HI marked Δ*gla*A loci towards the *Pst*I-Δ*gla*A locus (*Bam*HI^{2+}, *Pst*I^{-} convertant) in lane 2; two *Bam*HI^{+} loci (*Bam*HI^{2+}) as a result of an amplification in lane 3, a *Bam*HI^{2+}/*Sal*I^{-} convertant in lane 4, a *Bam*HI^{3+}/*Pst*I^{-}/*Mlu*I^{-} convertant in lane 5; a *Bam*HI^{4+}/*Sac*I^{-}/*Pst*I^{-}/*Kpn*I^{-} convertant in lane 6.
M = Marker DNA
Lanes 7 - 11: DNA-patterns of the *A. niger* ISO-500 host strains having still all marked Δ*gla*A loci single in lane 7; a conversion of *Bam*HI marked Δ*gla*A locus towards the *Pst*I-Δ*gla*A locus (*Bam*HI^{2+}, *Pst*I^{-} convertant) in lane 8; a *Bam*HI^{3+}/*Pst*I^{-}/*Sal*I^{-} convertant in lane 9; a *Bam*HI^{4+}/*Pst*I^{-}/*Sal*I^{-}/*Bgl*II^{-} convertant in lane 10; a *Bam*HI^{5+}/*Pst*I^{-}/*Sal*I^{-}/*Bgl*II^{-}/*Kpn*I^{-} convertant in lane 11.