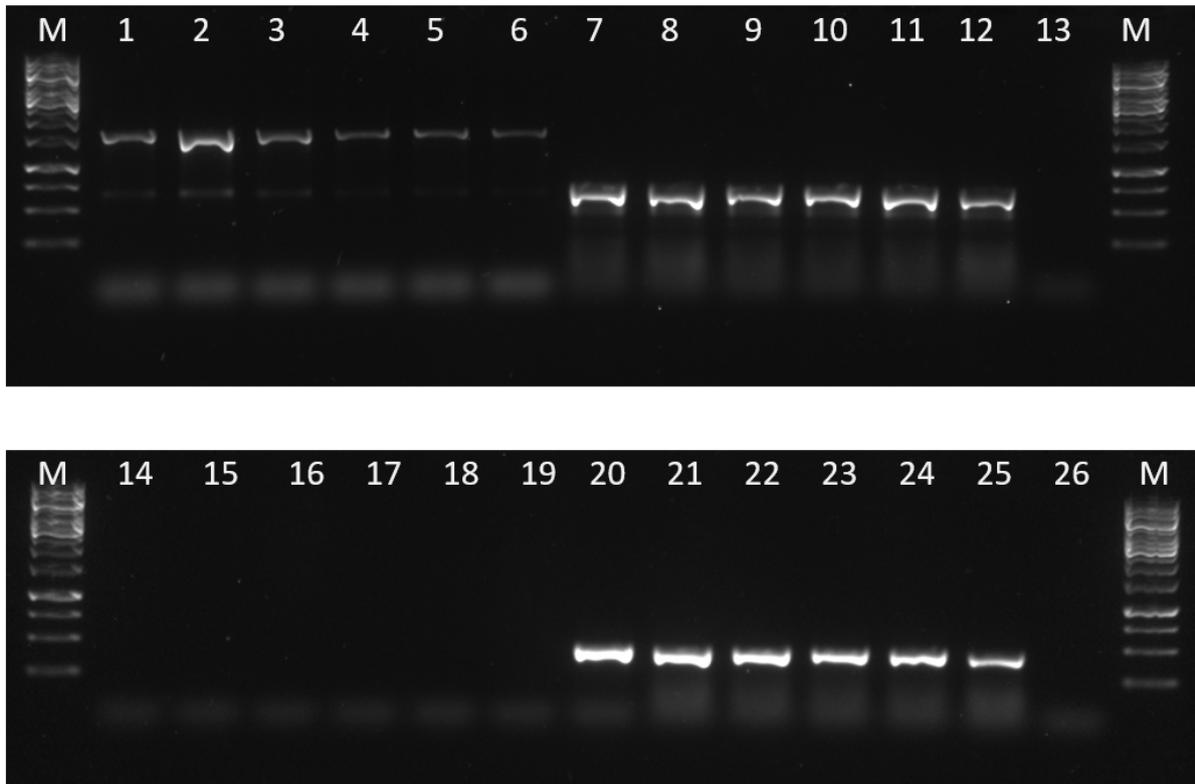


Supplementary Figure S1.



PCR verification of CRISPR/Cas9 induced *HMX1* gene deletion. The upper image shows the products resulting from PCR amplification of the *HMX1* ORF in wild type (1: PY0001; 2: PY0002; 3: 465/2018; 4: 2251/2018; 5: DE6507; 6: DE35762) and mutant strains (7: AI0001; 8: AI0003; 9: AI0005; 10: AI0007; 11: AI0009; 12: AI0011). The lower image shows the products (or the lack of products) resulting from PCR amplification of the repair cassette in wild type (14: PY0001; 15: PY0002; 16: 465/2018; 17: 2251/2018; 18: DE6507; 19: DE35762) and mutant strains (20: AI0001; 21: AI0003; 22: AI0005; 23: AI0007; 24: AI0009; 25: AI0011). Sample 13 and 26 were the negative controls (master mix without genomic DNA) for the applied primer mix 1 and primer mix 2, respectively. M: 1 kb DNA ladder (Thermo Fisher).