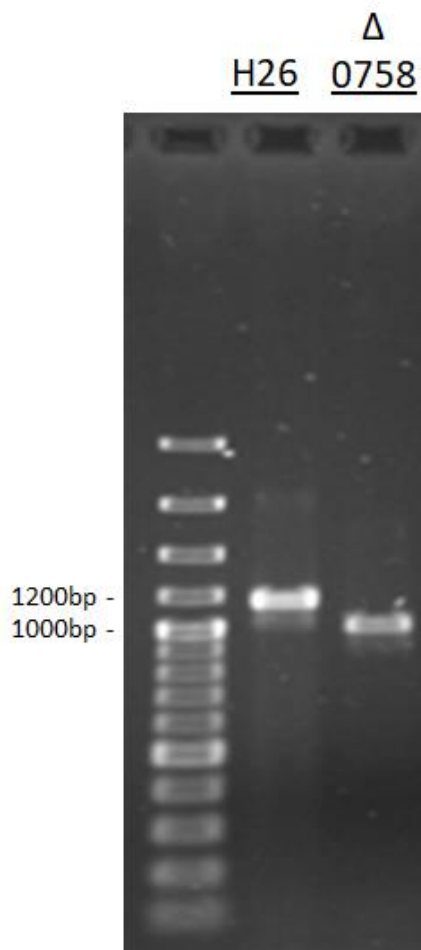
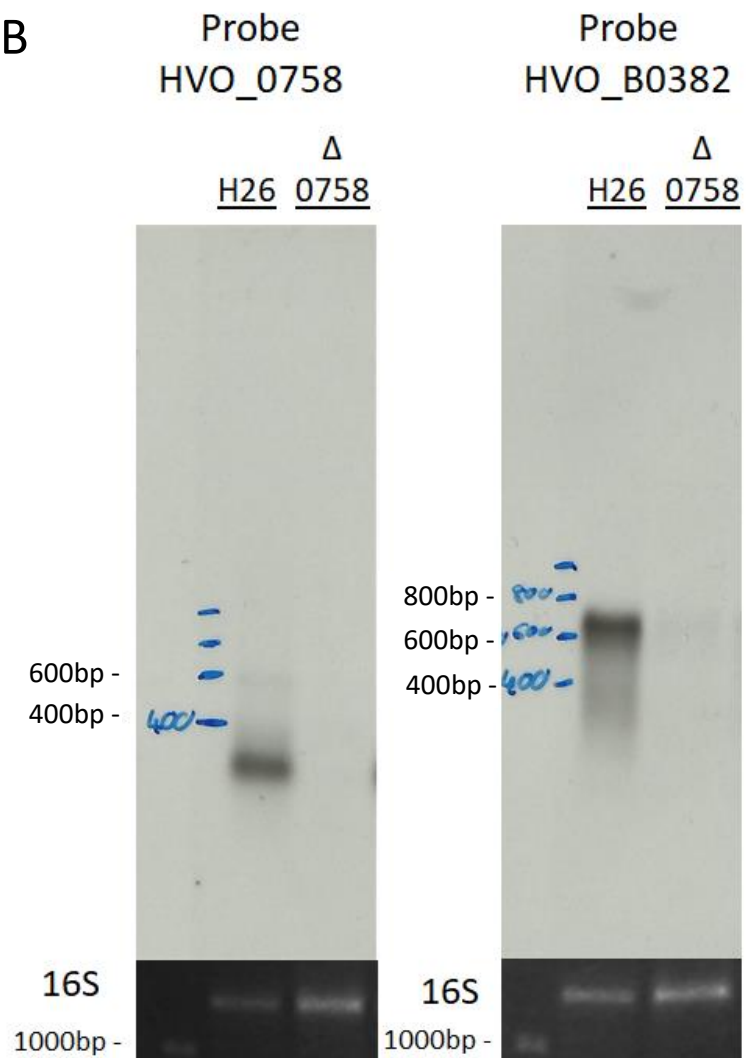


A



B



Supplementary Figure S7: Verification of the homozygosity of the deletion mutant by a multiple cycle PCR and the absence of the transcript by Northern blot analysis. A) PCR (40 cycles) for the verification of a homozygous deletion of the *HVO_0758* gene. Isolated genomic DNA of the H26 wild type and the *HVO_0758* in-frame deletion mutant ($\Delta 0758$; lacking a part of 147 nt within the ORF of *HVO_0758*) was analyzed with multicycle PCR using primers (0758_P1 & 0758_P4; see Supplementary Table S4) flanking the *HVO_0758* genomic locus. Calculated PCR product length for the *HVO_0758* wild type locus is 1165bp and for the deletion 1018bp. The deletion was checked frequently via PCR during experimental analyses using the ΔHVO_0758 strain. B) Full length Northern blot analyses of the expression of the genes *HVO_0758* (left; transcript ca. 300nt) and *HVO_B0382* (right; transcript ca. 650nt) in the wild-type (H26) and *HVO_0758* deletion mutant ($\Delta 0758$). 16S rRNA served as loading control/reference.