

# Supplementary materials

## Applied Microbiology and Biotechnology

### **Application of the thermostable $\beta$ -galactosidase, BgaB, from *Geobacillus stearothermophilus* as a versatile reporter under anaerobic and aerobic conditions**

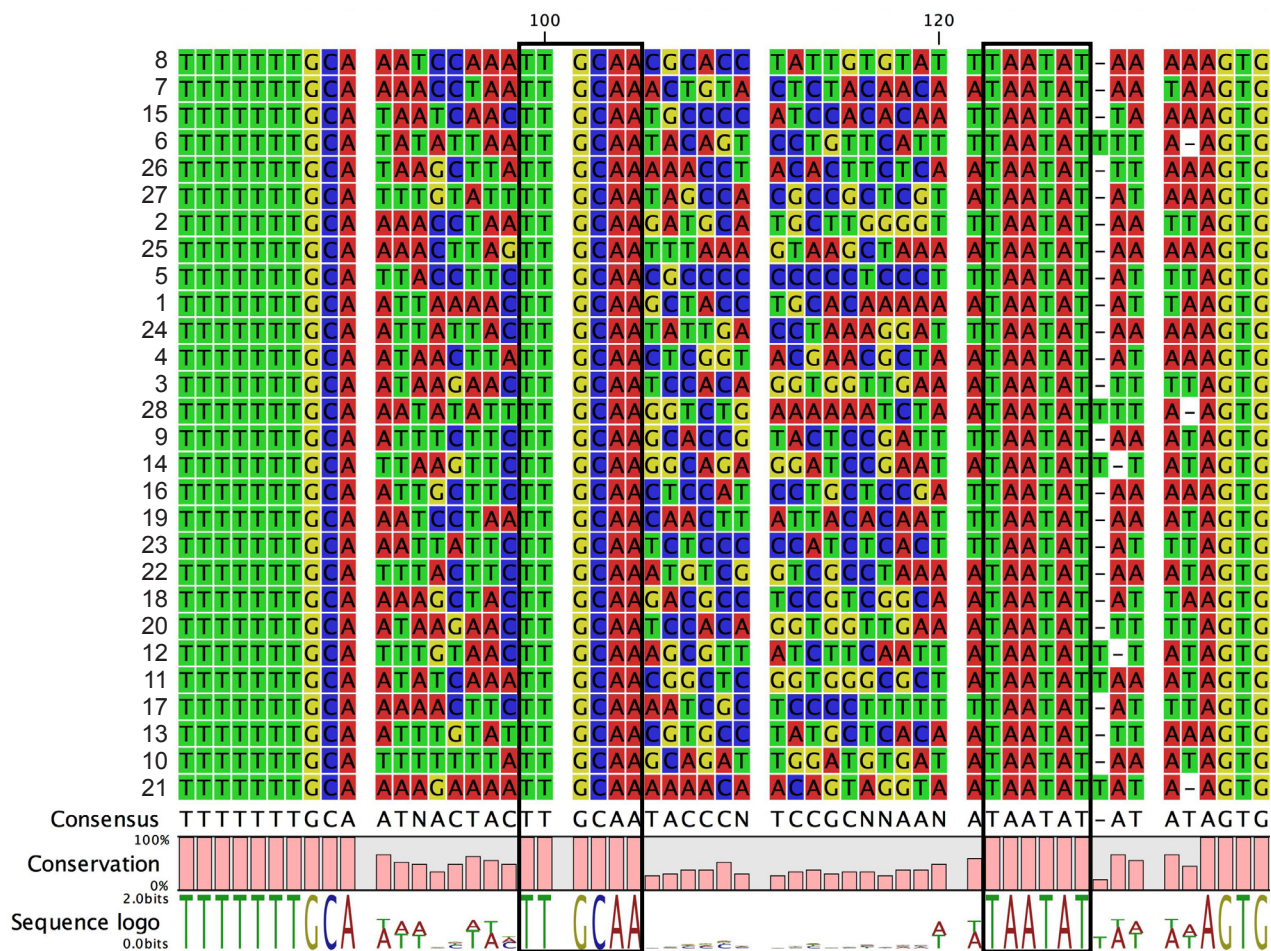
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**Fig. S1 Alignment of the promoter sequences arranged according to their activity, with the most active promoter in the top, the black boxes indicate the -35 and -10 regions of the promoter**



**Fig. S2 Cells expressing  $\beta$ -galactosidase on a medium supplemented with S-gal. a, *E. coli* TOP10 parent strain with empty plasmid and b, *E. coli* TOP10 with *bgaB* expressed from a plasmid**

