

# Accepted Manuscript

A combination of *luxR1* and *luxR2* genes activates Pr-promoters of psychrophilic *A. logei lux*-operon independently of chaperonin GroEL/ES and protease Lon at high concentrations of autoinducer

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**RUNNING TITLE:** *A. logei* LuxR1/LuxR2 works in *E.coli* at high levels of AI

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**KEYWORDS:** *lux*-operon, *Aliivibrio*, LuxR, GroEL/GroES chaperonins, protease Lon.

**ABBREVIATIONS:** AI: autoinducer, QS: Quorum Sensing.

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