

# Plants

## Supplementary Material

### **Generation times of *E. coli* prolong with increasing tannin concentration while the lag phase extends exponentially**

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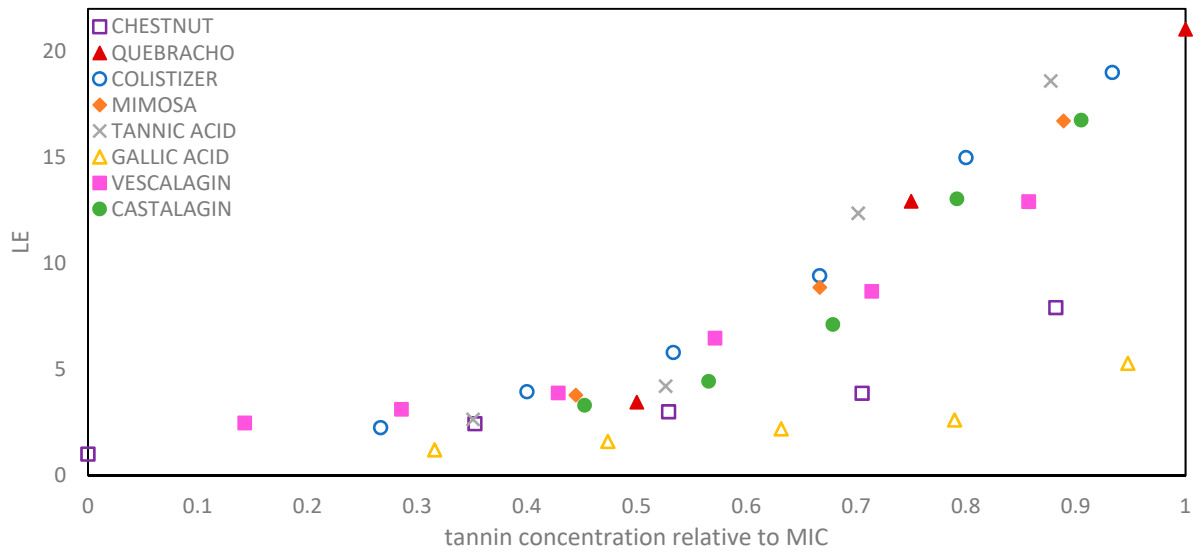


Figure S1. Dependence of lag time extension (LE) on the normalized concentration of investigated agents ( $c_M$ ).

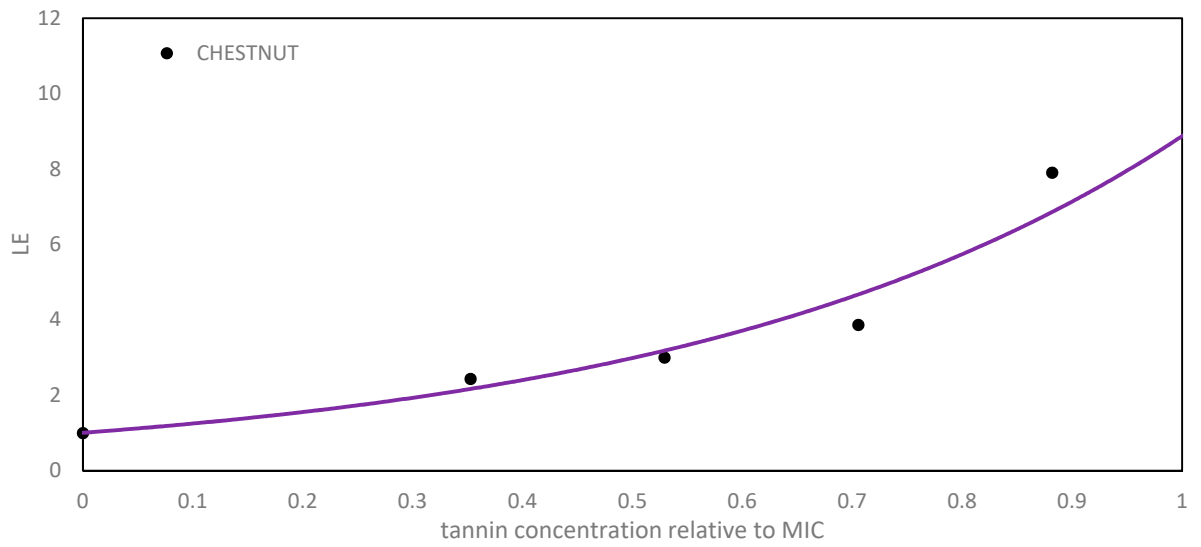
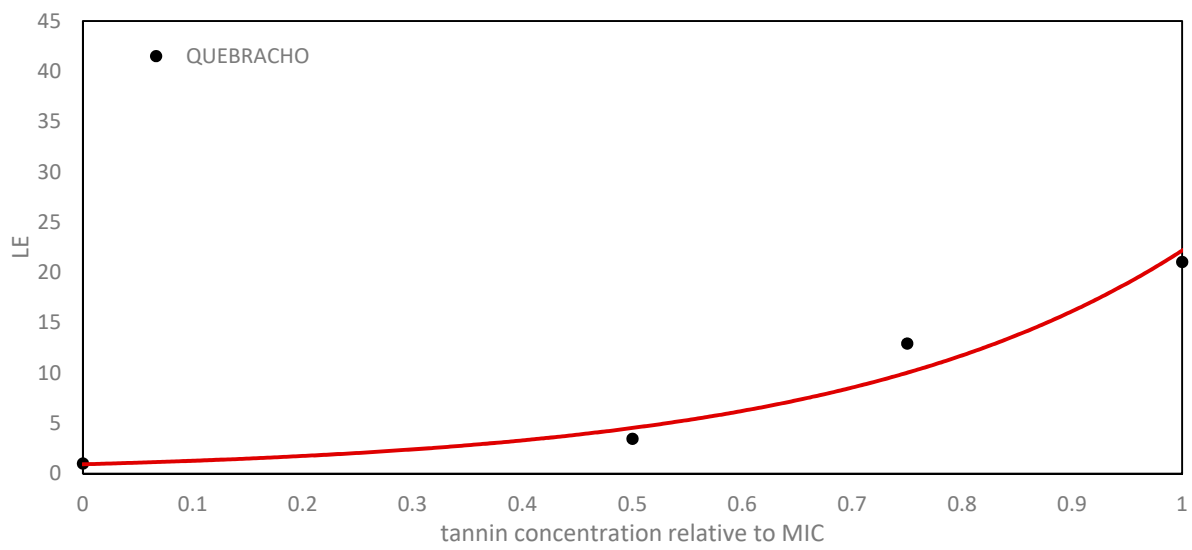
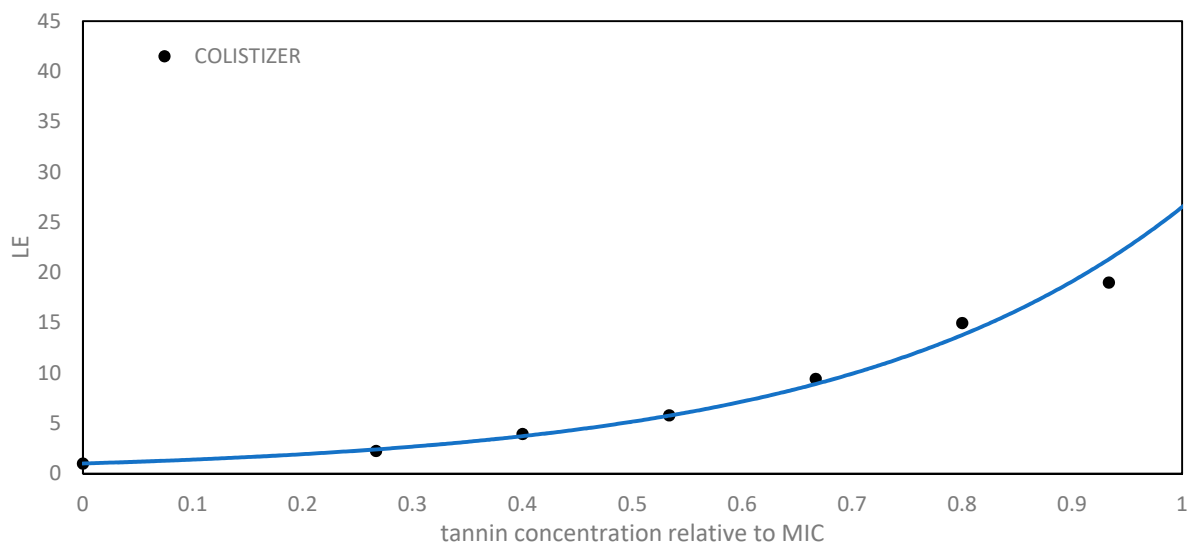


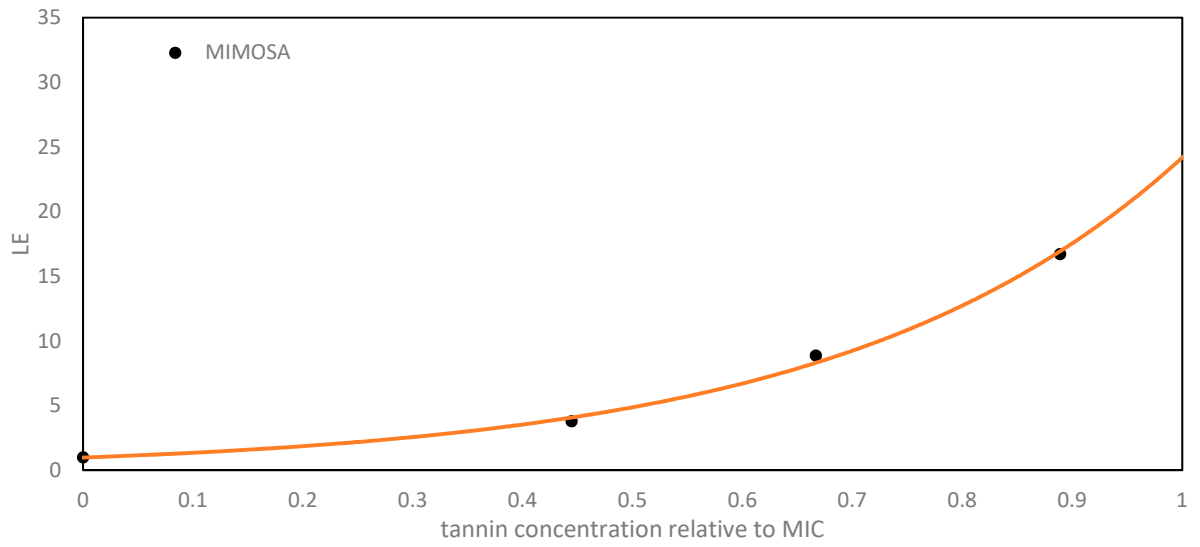
Figure S2. Dependence of lag time extension (LE) on the normalized concentration of the chestnut extract ( $c_M$ ).



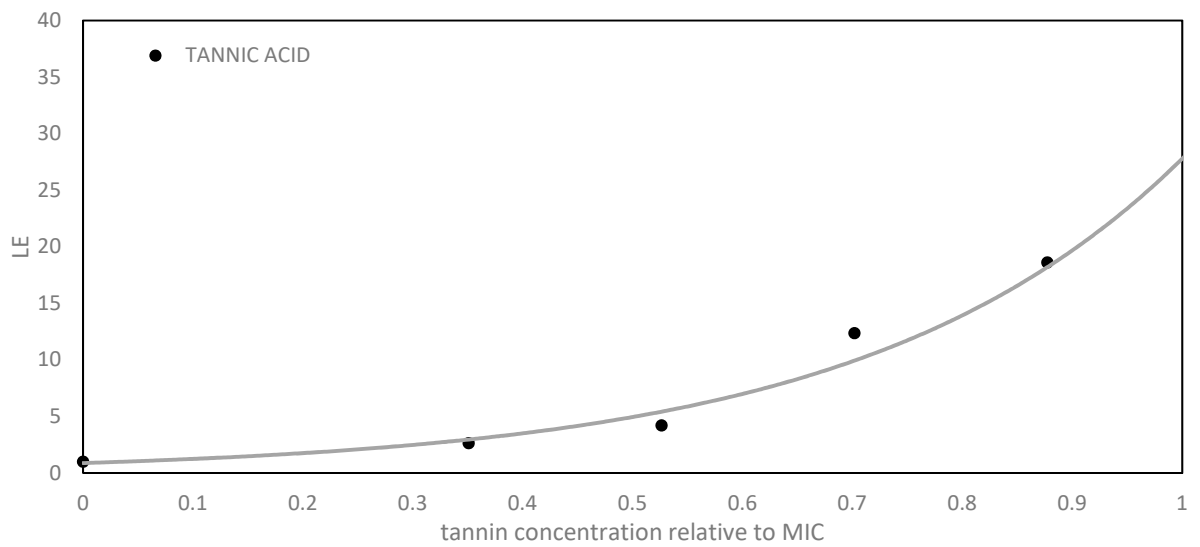
**Figure S3.** Dependence of lag time extension (LE) on the normalized concentration of the quebracho extract ( $c_M$ ).



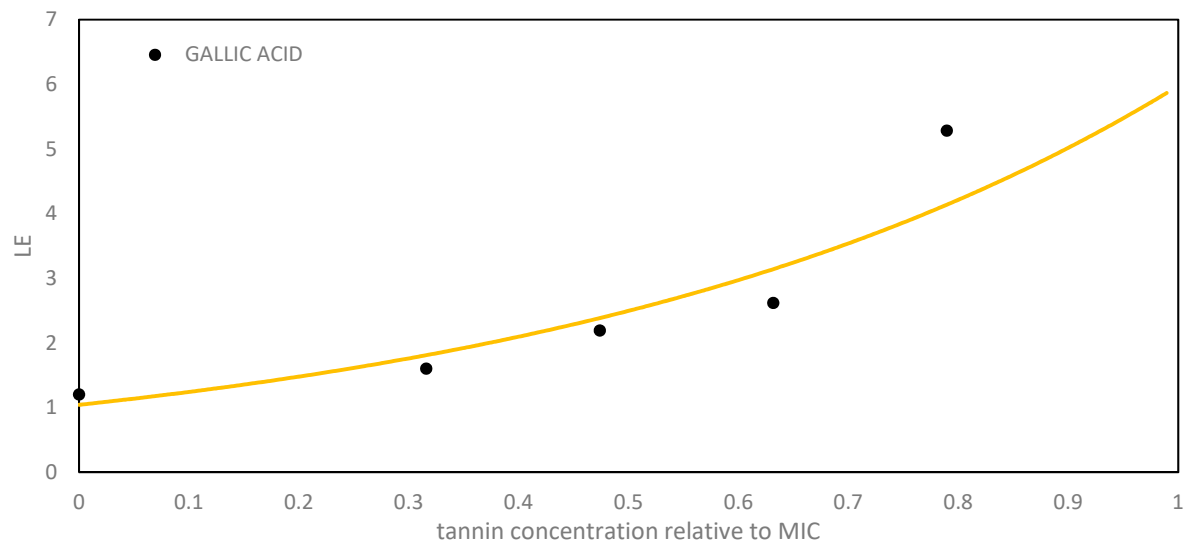
**Figure S4.** Dependence of lag time extension (LE) on the normalized concentration of Colistizer ( $c_M$ ).



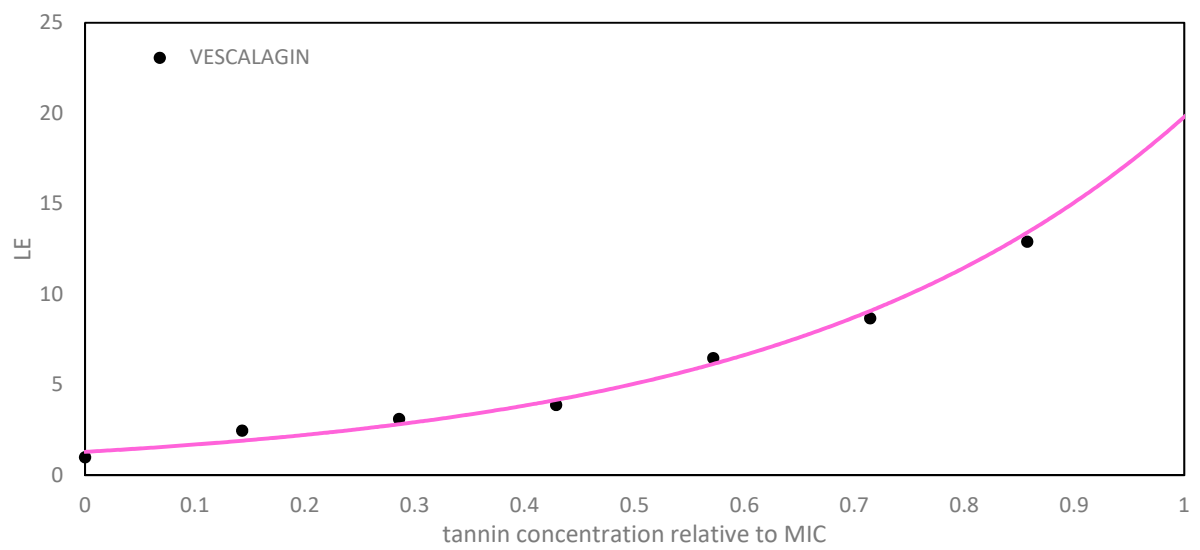
**Figure S5.** Dependence of lag time extension (LE) on the normalized concentration of the mimosa extract ( $c_M$ ).



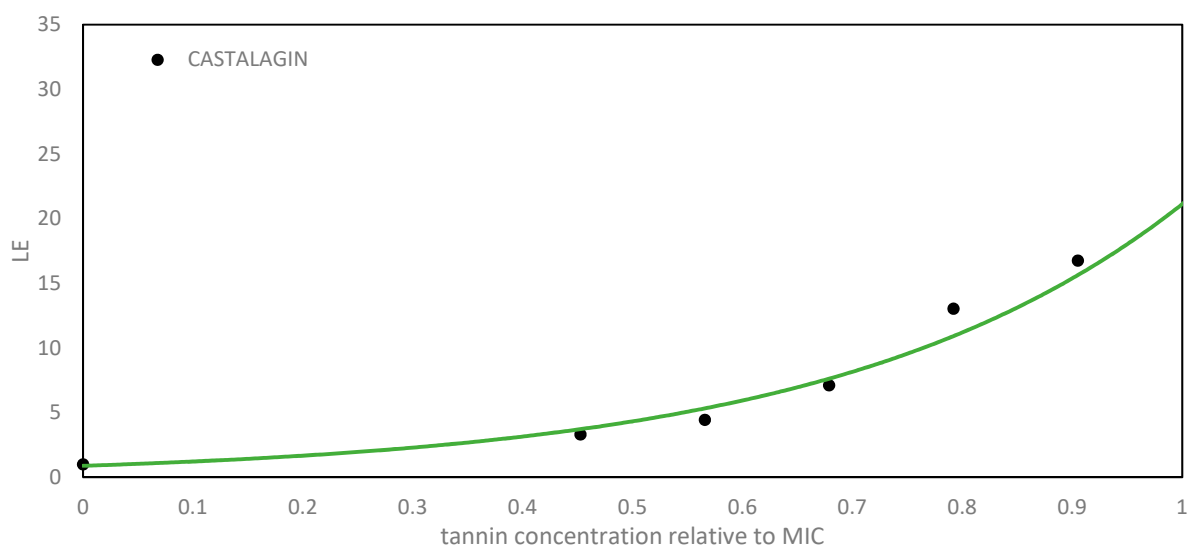
**Figure S6.** Dependence of lag time extension (LE) on the normalized concentration of tannic acid ( $c_M$ ).



**Figure S7.** Dependence of lag time extension (LE) on the normalized concentration of gallic acid ( $c_M$ ).



**Figure S8.** Dependence of lag time extension (LE) on the normalized concentration of vescalagin ( $c_M$ ).



**Figure S9.** Dependence of lag time extension (LE) on the normalized concentration of castalagin ( $c_M$ ).

**Table S1.** Exponential functions of LE against  $c_M$  and the corresponding correlation coefficients ( $R^2$ ).

Sample	LE	$R^2$
Chestnut	$1.0071e^{2.1761c_M}$	0.968
Quebracho	$0.09291e^{3.1728c_M}$	0.974
Colistizer	$1.0094e^{3.2683c_M}$	0.995
Mimosa	$0.9806e^{3.2052c_M}$	0.998
Tannic acid	$0.8818e^{3.4504c_M}$	0.975
Gallic acid	$1.0431e^{1.7455c_M}$	0.893
Vescalagin	$1.2926e^{2.7292c_M}$	0.965
Castalagin	$0.8844e^{3.1734c_M}$	0.980