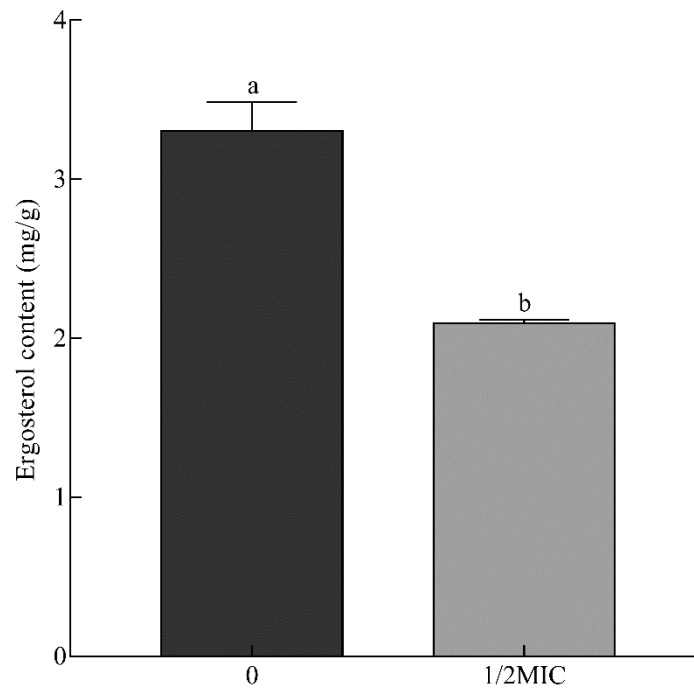


# Supplementary Materials: Effects of Essential Oil Citral on the Growth, Mycotoxin Biosynthesis and Transcriptomic Profile of *Alternaria alternata*

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**Figure S1.** Ergosterol content of *A. alternata* in response to different concentrations of citral.

**Table S1.** Statistics of RNA-Seq data from *A. alternata*.

Sample <sup>a</sup>	Raw reads	Raw bases	Clean reads	Clean bases	Total mapped	Error rate (%)	Q20(%)	Q30(%)	GC content (%)
CC_1	48,644,700	7,345,349,700	48,022,338	7,124,956,194	41,533,625 (86.49%)	0.0248	98.14	94.35	54.14
CC_2	50,827,044	7,674,883,644	50,225,860	7,465,921,432	42,975,067 (85.56%)	0.0247	98.17	94.43	53.88
CC_3	49,797,540	7,519,428,540	49,292,576	7,329,237,491	42,697,010 (86.62%)	0.0245	98.24	94.61	53.94
CT_1	50,440,054	7,616,448,154	49,939,542	7,443,529,873	43,930,630 (87.97%)	0.0248	98.13	94.34	54.27
CT_2	49,206,734	7,430,216,834	48,683,352	7,257,873,079	42,851,132 (88.02%)	0.0244	98.27	94.68	54.23
CT_3	52,034,802	7,857,255,102	51,421,678	7,665,472,303	46,170,379 (89.79%)	0.0245	98.26	94.66	54.52

<sup>a</sup> CC: control sample with no citral treatment; CT: sample with citral treatment.

**Table S3.** Primer sequences designed for quantitative reverse transcription PCR (qRT-PCR) in *A. alternata*.

Gene	Primer	Sequence (5'→3')	cDNA length (bp)
<i>β-tubulin</i>	forward	TCATACTTCGTTGAGTGGAT	111
	backward	CTGGATGGAGGTGGAGTT	
<i>pksI</i>	forward	TTCACTTCAAGGCGTAGTC	116
	backward	CGAAGCTCTTGTCATAAATAC	
<i>omtI</i>	forward	GCCTCAGTTGGACTCATC	117
	backward	GCAGTTCTCGAAGAAGTGT	
<i>aohR</i>	forward	TCCTTATCCTGGACGACAT	116
	backward	GAGGTTGATGACGGCTTC	

