

Supplementary Materials: Carbon Catabolite Repression Gene *AoCreA* Regulates Morphological Development and Ochratoxin A Biosynthesis Responding to Carbon Sources in *Aspergillus ochraceus*

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Table S1. Primers used in this study.

Primers	Oligonucleotide sequence (5'-3')	Uses
hygR-F	GGAGGTCAACACATCAATGC CTATT	<i>hygR</i> amplification
hygR-R	CTACTCTATTCCTTTGCCCT	
creA-up-F	CGGTCAGTCAGGACTCAGTA G	<i>AoCreA</i> deletion cassette
creA-up-R	ACCAAATAGGCATTGATGT GTTGACCTCCACACTTGTAG GGTCGAGGGA	
creA-down-F	CACTCGTCCGAGGGCAAAGG AATAGAGTAGGATTCGCCAT CTGTCGCTCC	
creA-down-R	CTACCATGTTGCGCATTCTT C	
creA-KO-F	CCCGACACATTCGAACCCAC	
creA-KO-R	GCTGTGCGAGATTGCGTAGG	
creA-up-check-F	CGGTCAGTCAGGACTCAGTA G	Identification of <i>AoCreA</i> deletion mutants
HygR-up-check-R	GGCTGATCTGACCAGTTGCC	
HygR-down-check-F	GGCTGTGTAGAAGTACTCGC C	
creA-down-check-R	CTACCATGTTGCGCATTCTT C	
GADPH-RT-F	CGGCAAGAAGGTTTCAGTT	Primers used for detect the expression of OTA biosynthetic genes
GADPH-RT-R	CTCGTTGGTGGTGAAGAC	
otaR2-RT-F	CGATGCTACTGGAGACAA	
otaR2-RT-R	TCGATGCGTCTATCAAGG	
otaE-RT-F	CTGGGCATGCTTTCAAGT	
otaE-RT-R	GCACTGTCAACTTCCTCAA	
otaA-RT-F	GGATCTTTATGACCGAATCA G	
otaA-RT-R	CCTTGACCTGAAGAATGCT	
otaB-RT-F	ATACCACCAGAGCTCCAAA	
otaB-RT-R	GAGATGTTCCGGTCTGTTCA	
otaC-RT-F	CTTAATACGGTGGTCTACGA	
otaC-RT-R	GAATGATAGGTCGGTATTCT	
otaR1-RT-F	GCTTTCAAATCGAATGATTCC	
otaR1-RT-R	GATCGGTTGGAAGTGTAGAA	

otaD-RT-F	TATTCCTAGATACCATATCG	Primers used for detect the copy of gene numbers
	G	
otaD-RT-R	GCTTCCTTCTGGTTGTCA	
ef1a-q-F	GTCTGGTGATGCTGCCATCG	
ef1a-q-R	CCTTGATGACACCGACAGCG	
AoCreA-q-F	CCCGACACATTCGAACCCAC	
AoCreA-q-R	CATGGCATTGTCTTGTCCGG	
hygR-q-F	GTCACGTTGCAAGACCTGCC	
hygR-q-R	CGCGCATATGAAATCACGCC	