

Supplementary information

Table S1

Primers Used for the PCR Analysis		
Gene	Sequences	Annealing Temp(°C)
mRNA primers		
PRLRa	F: 5'- GTGGTTTTTCTCTCATCTCTGACA -3' R: 5'- ACACTCTTTGACCGTCTCGG -3'	54.3
serpina1	F: 5'- TTGGGTCACAGTCAGGATGC -3' R: 5'- CTGCTTCTGTGCCCTTCTCA -3'	55
myc	F: 5'- CGACTACGACTCCATCCAGC-3' R: 5'- GAGTAGTCCGCATCATCGCA-3'	54.3
PRLRb	F: 5'-CTATG TGGTA GACGT GCGCT-3' R: 5'-CACTT GATGG TCCGT GCTCT-3'	55
EF	F: 5'- GCTCAAGGAGAAGATCG -3' R: 5'- TCAAGCATTATCCAGTCC -3'	55
miRNA primers		
miR-731	RT : 5'- GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCA CCAGAGCCAACCGATCC -3'	
miR-26a	F: 5'- ATACTTAATGACACGTTTTCTCCC RT: 5'-GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCA CCAGAGCCAACAGCCTTA-3'	
U6	F: 5'-ATCTGGTTCAAGTAATCCAGGA-3' RT : 5'-GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCA CCAGAGCCAACAAAATAT-3'	
Universal-R	F: 5'- TTCCTCCGCAAGGATGACACGC-3' R: 5'-GTGCAGGGTCCGAGGT-3'	

Note. F: forward; R: reverse;
 RT: Stem-loop reverse transcription primer; Universal-R is for all miRNAs

Figure S1. Chemical structure of ochratoxin A

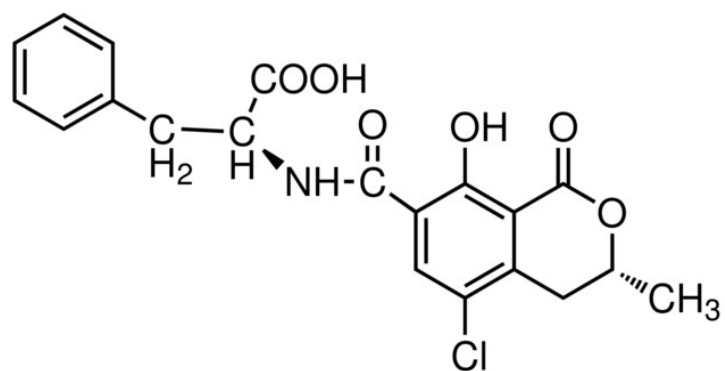


Figure S2. OTA did not modulate the c-myc protein signal in zebrafish embryos. WT embryos were treated with vehicle or OTA from 6 to 72 hpf. Total protein extracts of 72 hpf embryos were subjected to Western blotting using antibodies specific to c-myc and actin (internal control).

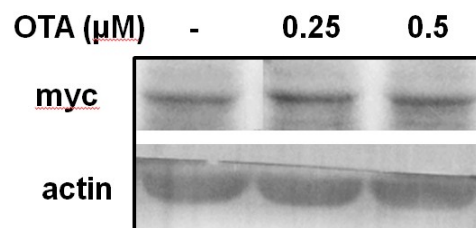


Figure S3. OTA induced PRLRb mRNA expression in zebrafish embryos. The 6 hpf WT embryos were exposed to PBS or OTA, and then the PRLRb mRNA of 48 hpf embryos was detected by RT-PCR. The relative PRLRb levels are shown in the below panel and given as the mean \pm SEM (n = 3). EF was used as an internal control.

