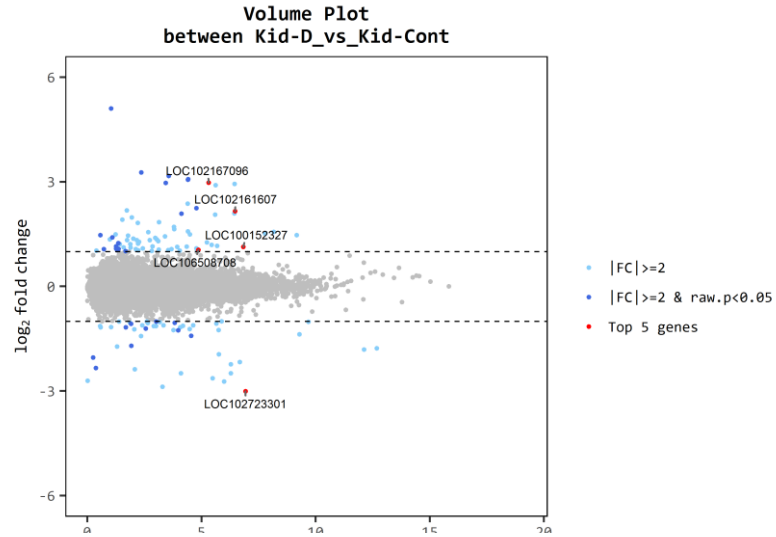
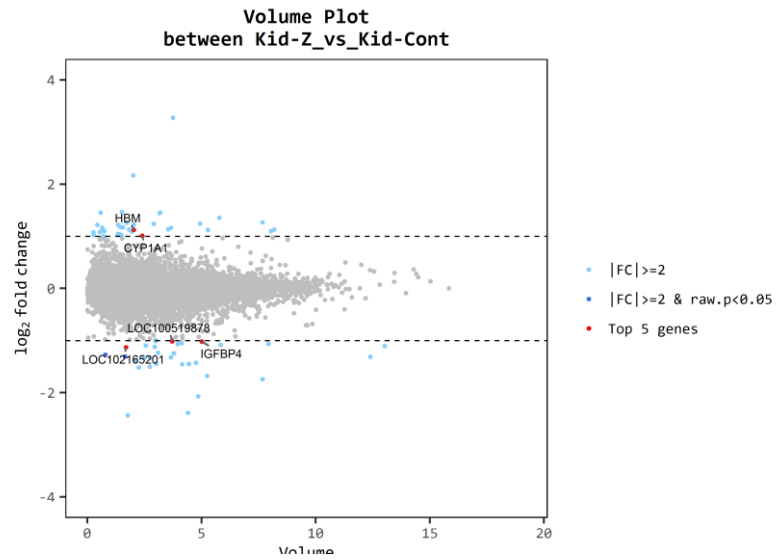


1 **Fig. S1.** Cox-Reid volume plot common dispersion between control, DON, and ZEN. (A)
 2 control vs. DON, (B) control vs. ZEN, and (C) DON vs. ZEN. The Y-axis represents the log₂-
 3 fold change in significant gene expression and the X-axis represents the mean of normalized
 4 gene volume.

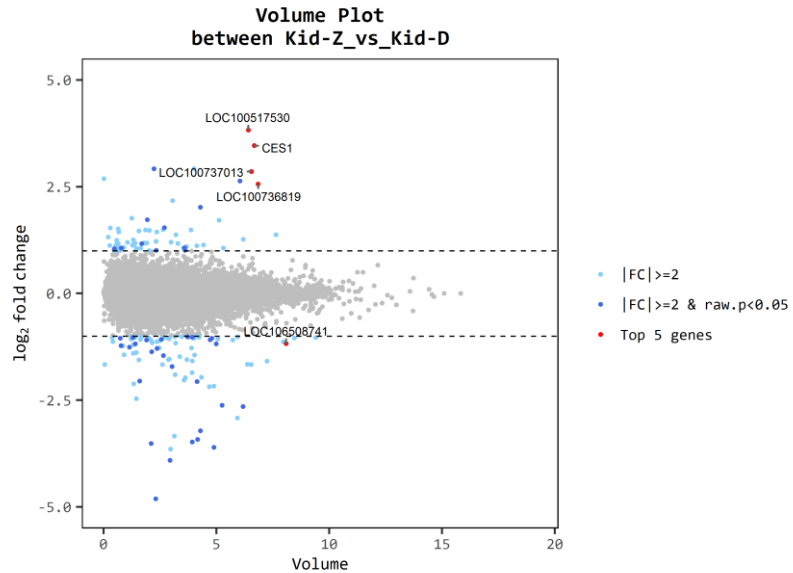
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 7 **(A)**



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 15 **(B)**

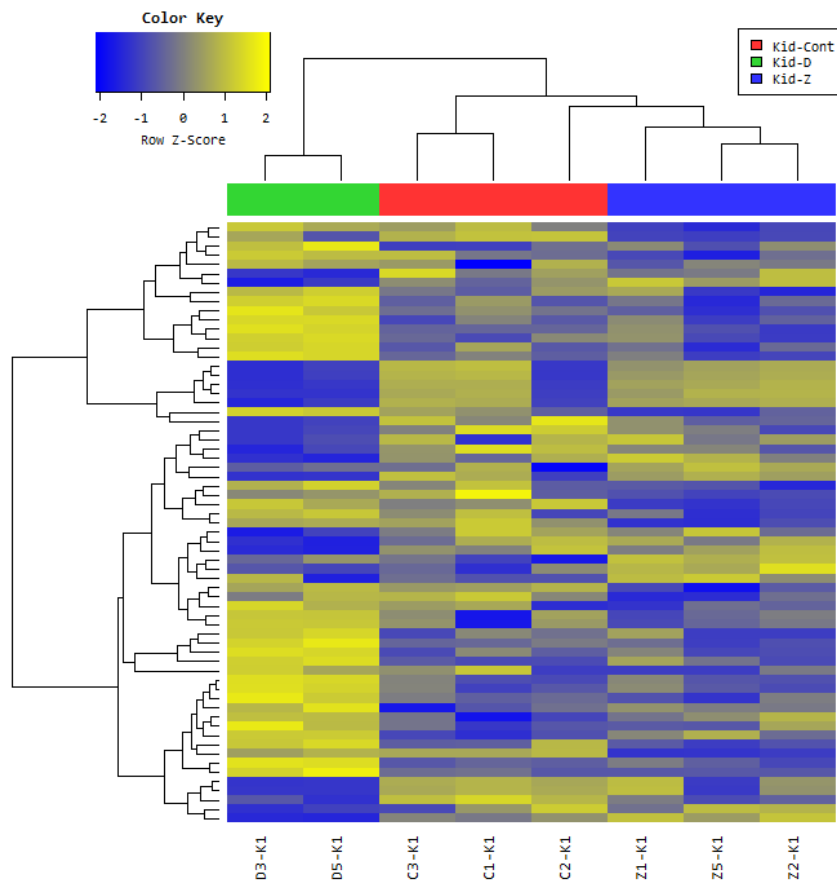


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 23 **(C)**



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26 **Fig. S2.** Hierarchical clustering dendrogram of gene expression. Heat map of two-way
27 hierarchical clustering of transcriptional regulation is displayed according to significant
28 alterations between control and DON- and ZEN-treated groups. Gradual change in the color
29 from blue to yellow indicates a change in the expression values from low to high.



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51 **Fig. S3.** Cox-Reid expression levels of the transcripts between control and mycotoxin
52 treatments. (A) Control vs. DON, (B) Control vs. ZEN, and (C) ZEN vs. DON. In each graph,
53 the Y-axis represents the expression of transcripts in the mycotoxin group and the X- axis
54 indicates the expression of transcripts in the control group.

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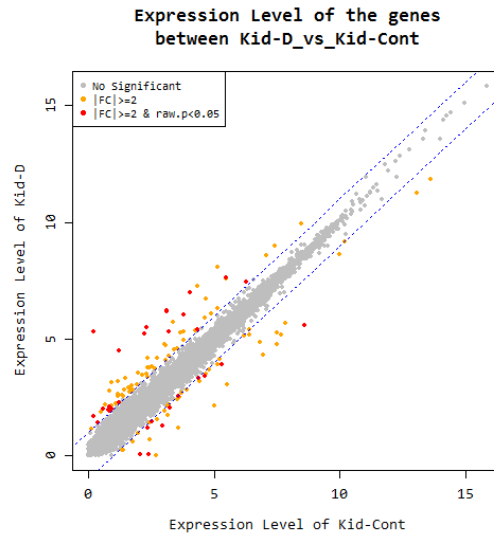
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58 (A)

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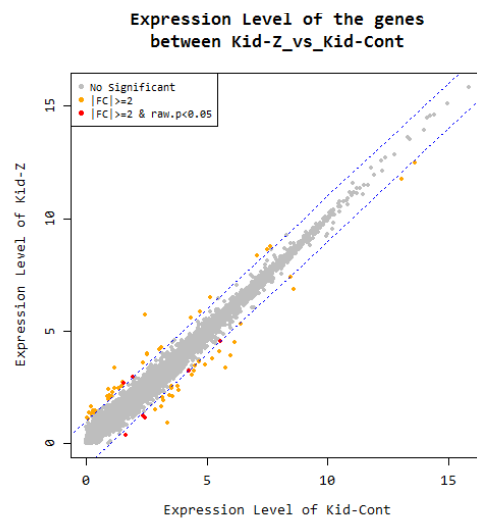
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66 (B)

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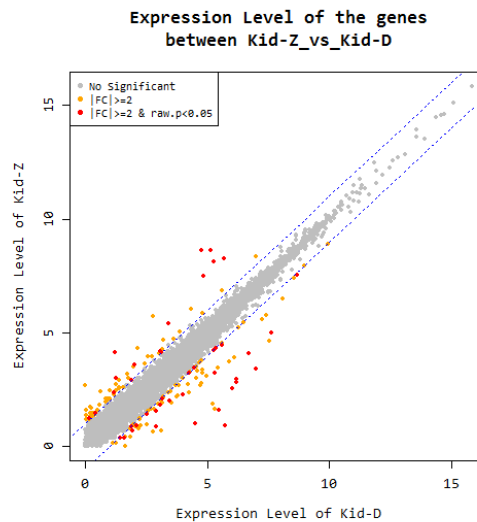
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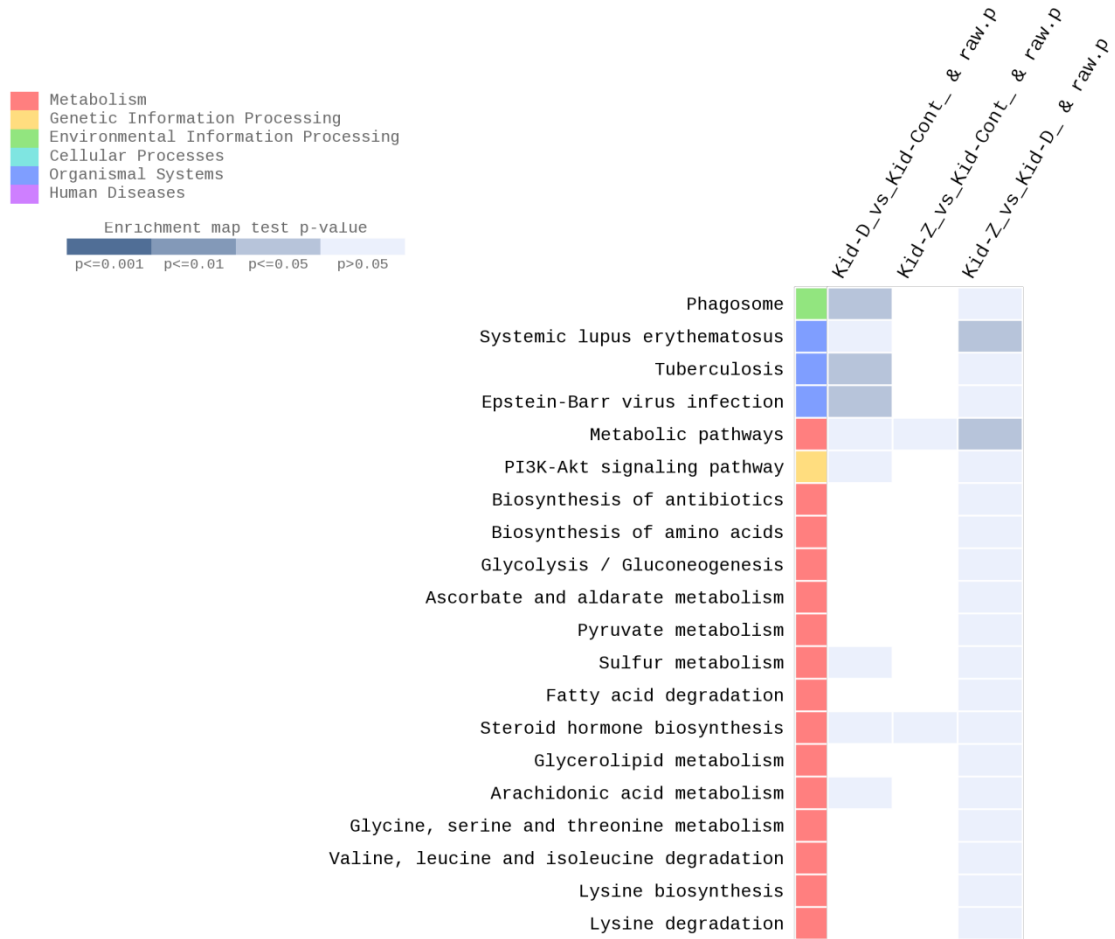
73 (C)

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76 **Fig. S4.** The most significant KEGG pathway analysis for both DON and ZEN dietary
 77 treatment groups.



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