

1 *Supplemental Materials*

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3 **Effects of chronic heat stress on lung and**
4 **growth performance in Cherry-Valley Ducks**
5 **under different ambient temperatures**

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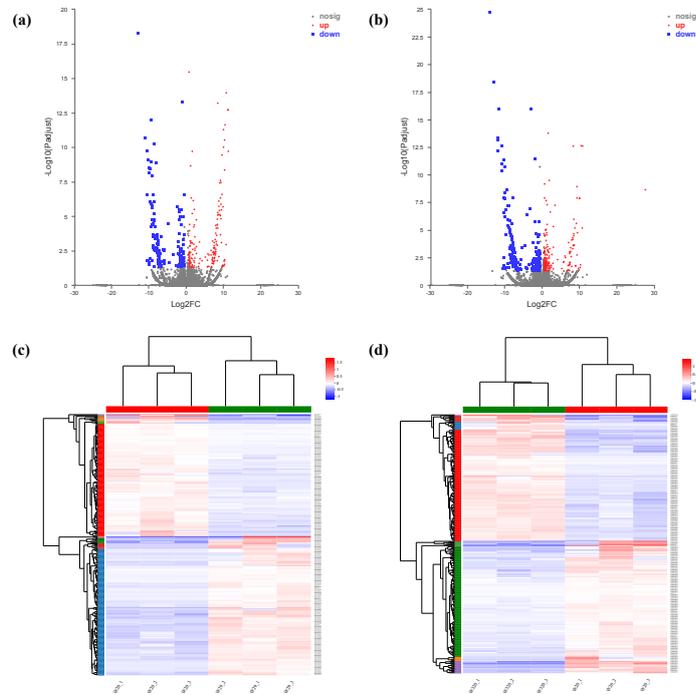
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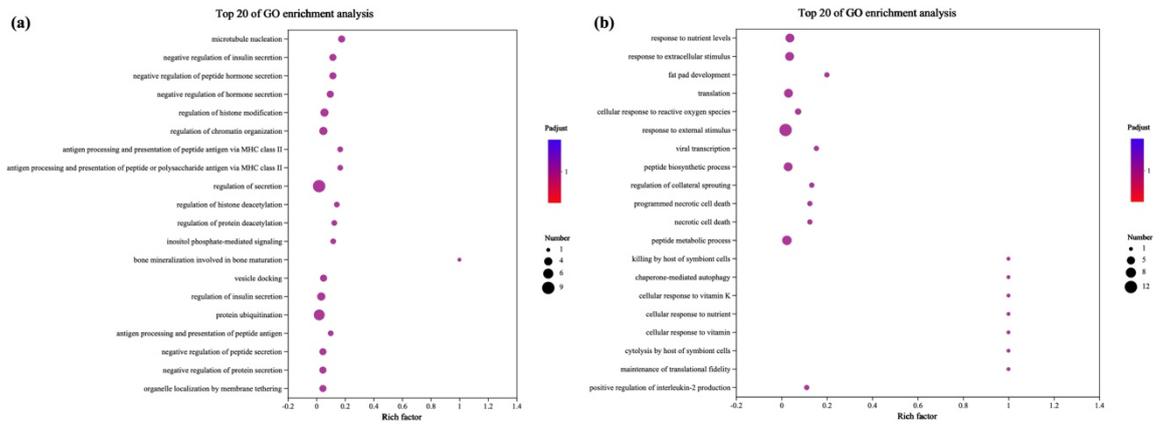
26 **FIGURES**

27 **Supplemental Figure S1 | DEGs in CVds responding to CHS.** (a) Volcano plot of DEGs
28 in W20/W29. (b) Volcano plot of DEGs in W20/W320. (c) Heatmap of DEGs in
29 W20/W29. (d) Heatmap of DEGs in W20/W320.



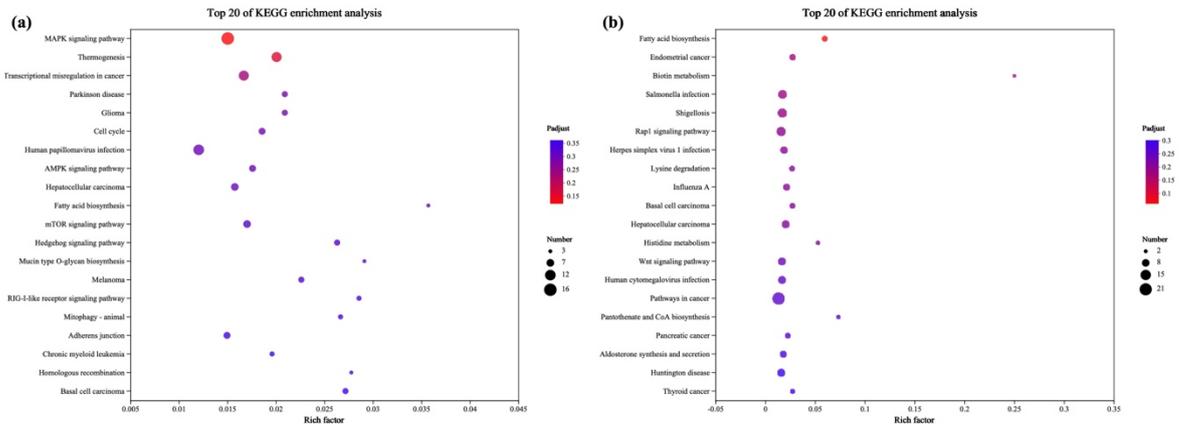
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43 **Supplemental Figure S2 | GO function enrichment analysis of the DEGs. (a) GO**
 44 **function enrichment analysis of the W20/W29 DEGs. (b) GO function enrichment analysis**
 45 **of the W20/W320 DEGs.**



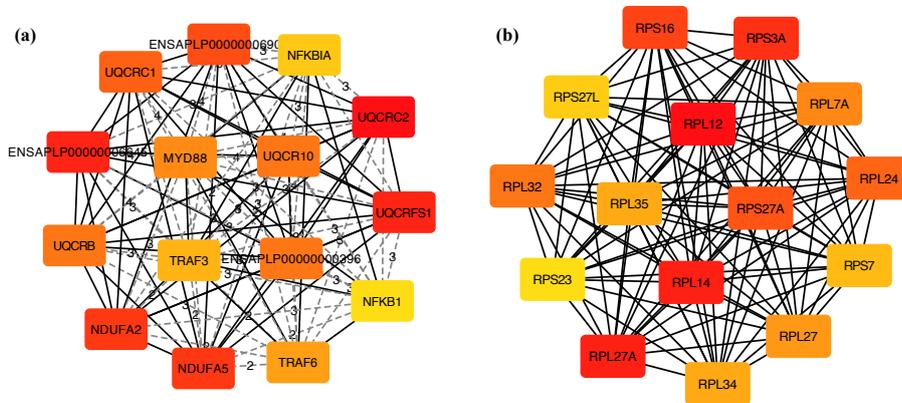
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63 **Supplemental Figure S3 | KEGG function enrichment analysis of the DEGs.** (a)
 64 KEGG function enrichment analysis of the W20/W29 DEGs. (b) KEGG function
 65 enrichment analysis of the W20/W320 DEGs.



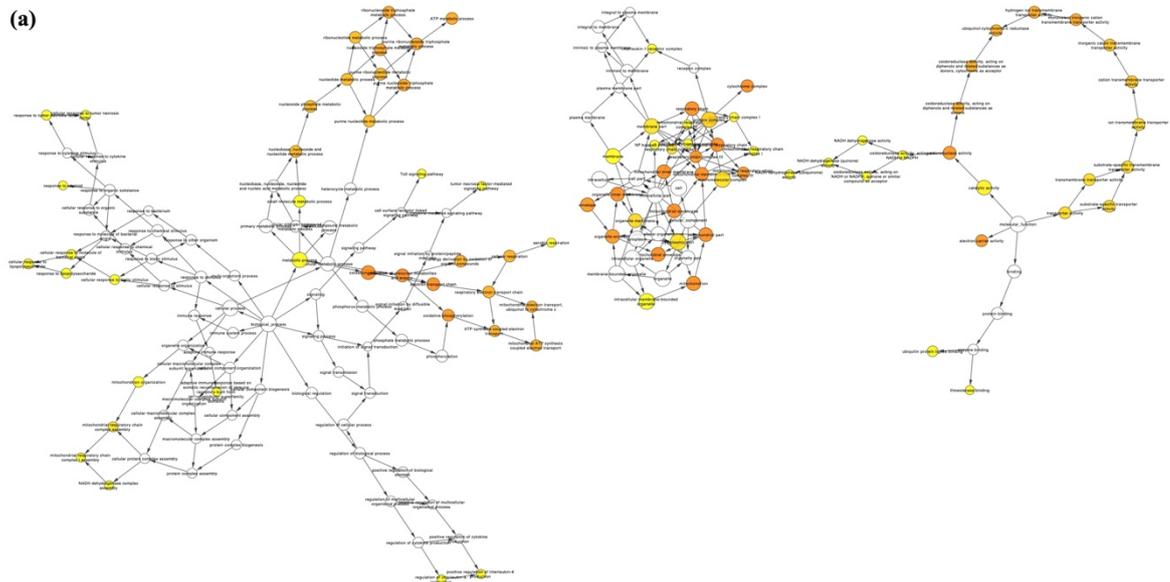
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84 **Supplemental Figure S4 | Analysis of the top 15 hub genes in the PPI network.** (a)
 85 Analysis of the top 15 genes in the PPI network of the W20/W29 DEGs. (b) Analysis of the
 86 top 15 genes in the PPI network of the W20/W320 DEGs. The red and yellow colors
 87 represent the importance in the PPI network.



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110 **Supplemental Figure S5 | GO function enrichment analysis of the top 15 hub genes in**
111 **the PPI network.** (a) GO function analysis of the top 15 genes in the PPI network of the
112 W20/W29 DEGs. (b) GO function analysis of the top 15 genes in the PPI network of the
113 W20/W320 DEGs.

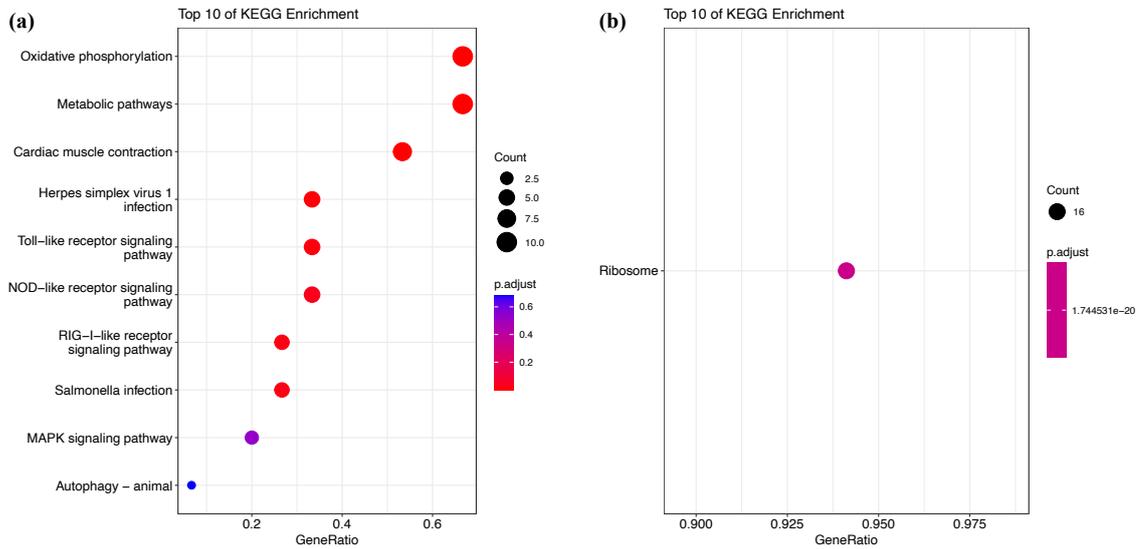


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125 **Supplemental Figure S6 | KEGG function enrichment analysis of the top 15 hub genes**
 126 **in the PPI network.** (a) KEGG function analysis of the top 15 genes in the PPI network of
 127 the W20/W29 DEGs. (b) KEGG function analysis of the top 15 genes in the PPI network of
 128 the W20/W320 DEGs.



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