

Table S8. Top 20 GO categories enriched by *cis*-regulatory target genes of lncRNAs in.
M24hD vs. M24hX.

| GO term | Number of enriched genes |
|---|--------------------------|
| Single-organism process | 88 |
| Cellular process | 72 |
| Metabolic process | 53 |
| Response to stimulus | 52 |
| Biological regulation | 49 |
| Cell part | 49 |
| Cell | 49 |
| Catalytic activity | 48 |
| Regulation of the biological process | 47 |
| Binding | 46 |
| Localization | 39 |
| Organelle | 38 |
| Multicellular organismal process | 36 |
| Developmental process | 36 |
| Signaling | 31 |
| Membrane | 31 |
| Cellular component organization or biogenesis | 29 |
| Membrane part | 22 |
| Positive regulation of the biological process | 21 |
| Organelle part | 17 |

Note: M24hD denotes *M. anisopliae*-infected Major worker ants
M24hX denotes *M. anisopliae*-infected Minor worker ants