

**Table S11.** Top 20 GO categories enriched by *trans*-regulatory target genes of lncRNAs in M6hD vs. M6hX.

GO term	Number of enriched genes
Single-organism process	196
Cellular process	191
Biological regulation	140
Binding	139
Regulation of biological process	132
Cell	131
Cell part	130
Membrane	123
Localization	114
Response to stimulus	111
Metabolic process	111
Multicellular organismal process	109
Signaling	100
Membrane part	97
Developmental process	90
Catalytic activity	87
Organelle	72
Cellular component organization or biogenesis	66
Macromolecular complex	43
Molecular transducer activity	42

**Note:** M6hD denotes *M. anisopliae*-infected Major worker ants  
M6hX denotes *M. anisopliae*-infected Minor worker ants