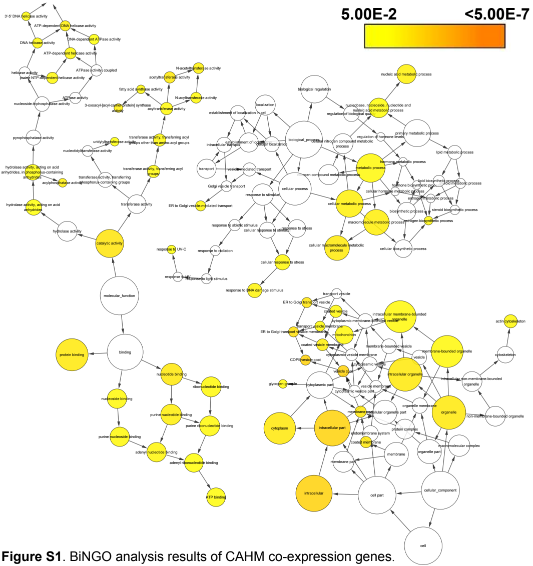
5.00E-2
<5.00E-7
3'-5' DNA helicase activity
ATP-dependent DNA helicase activity
DNA helicase activity
DNA-dependent ATPase activity
ATP-dependent helicase activity
helicase activity
purine NTP-dependent helicase activity
ATPase activity, coupled
ATPase activity
nucleoside-triphosphatase activity
pyrophosphatase activity
hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides
acylphosphatase activity
hydrolase activity, acting on acid anhydrides
hydrolase activity
catalytic activity
N-acetyltransferase activity
acetyltransferase activity
fatty acid synthase activity
N-acyltransferase activity
3-oxoacyl-[acyl-carrier-protein] synthase activity
acyltransferase activity
uridylyltransferase activity
nucleotidyltransferase activity
transferase activity, transferring acyl groups other than amino-acyl groups
transferase activity, transferring acyl groups
transferase activity, transferring phosphorus-containing groups
transferase activity
molecular_function
protein binding
binding
nucleotide binding
ribonucleotide binding
nucleoside binding
purine nucleotide binding
purine ribonucleotide binding
purine nucleoside binding
adenyl nucleotide binding
adenyl ribonucleotide binding
ATP binding
biological regulation
localization
establishment of localization in cell
intracellular transport
establishment of localization
cellular localization
biological_process
transport
vesicle-mediated transport
Golgi vesicle transport
ER to Golgi vesicle-mediated transport
cellular process
response to stimulus
response to abiotic stimulus
cellular response to stimulus
response to stress
response to radiation
response to UV-C
response to UV
response to light stimulus
cellular response to stress
response to DNA damage stimulus
nucleic acid metabolic process
nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
regulation of biological quality
cellular nitrogen compound metabolic process
regulation of hormone levels
primary metabolic process
lipid metabolic process
metabolic process
hormone metabolic process
nitrogen compound metabolic process
lipid biosynthetic process
hormone biosynthetic process
steroid metabolic process
cellular hormone metabolic process
estrogen metabolic process
cellular metabolic process
biosynthetic process
steroid biosynthetic process
macromolecule metabolic process
estrogen biosynthetic process
cellular macromolecule metabolic process
cellular biosynthetic process
transport vesicle
ER to Golgi transport vesicle
coated vesicle
intracellular membrane-bounded organelle
cytoplasmic membrane-bounded vesicle
actin cytoskeleton
transport vesicle membrane
ER to Golgi transport vesicle membrane
mitochondrion
coated vesicle membrane
membrane-bounded vesicle
membrane-bounded organelle
cytoplasmic vesicle membrane
vesicle
cytoskeleton
COPII vesicle coat
cytoplasmic vesicle
vesicle coat
intracellular organelle
intracellular non-membrane-bounded organelle
glycogen granule
cytoplasmic part
vesicle membrane
cytoplasmic vesicle part
organelle membrane
membrane coat
intracellular organelle part
organelle
non-membrane-bounded organelle
cytoplasm
intracellular part
protein complex
endomembrane system
coated membrane
macromolecular complex
membrane
organelle part
membrane part
intracellular
cell part
cellular_component
cell

Figure S1. BiNGO analysis results of CAHM co-expression genes.

Figure S2. Heat map of DEGs between low- and high-CAHM phenotypes.

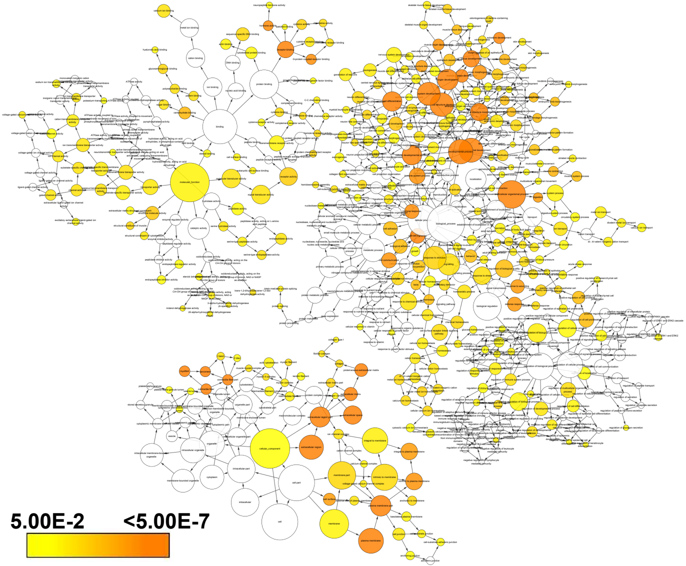
molecular_function
cellular_component
biological_process
5.00E-2
<5.00E-7

Figure S3. BiNGO analysis results of DEGs between low- and high-CAHM phenotypes.