

Additional file figures and figure legends

Figure S1. Effects of different power values on the scale independence degree and mean connectivity of co-expression modules

A, Analysis of the scale-free fit index for various soft-threshold powers in miRNA expression matrix; the red line was set at 0.80. B, Analysis of mean connectivity for various soft-threshold powers in miRNA expression matrix; C, Analysis of the scale-free fit index for various soft-threshold powers in mRNA expression matrix; the red line was set at 0.80. D, Analysis of mean connectivity for various soft-threshold powers in mRNA expression matrix.

Figure S2. Functional KEGG enrichment analysis of HCM-related mRNA modules

Figure S3. Top 5 characteristic variables filtering based on RF

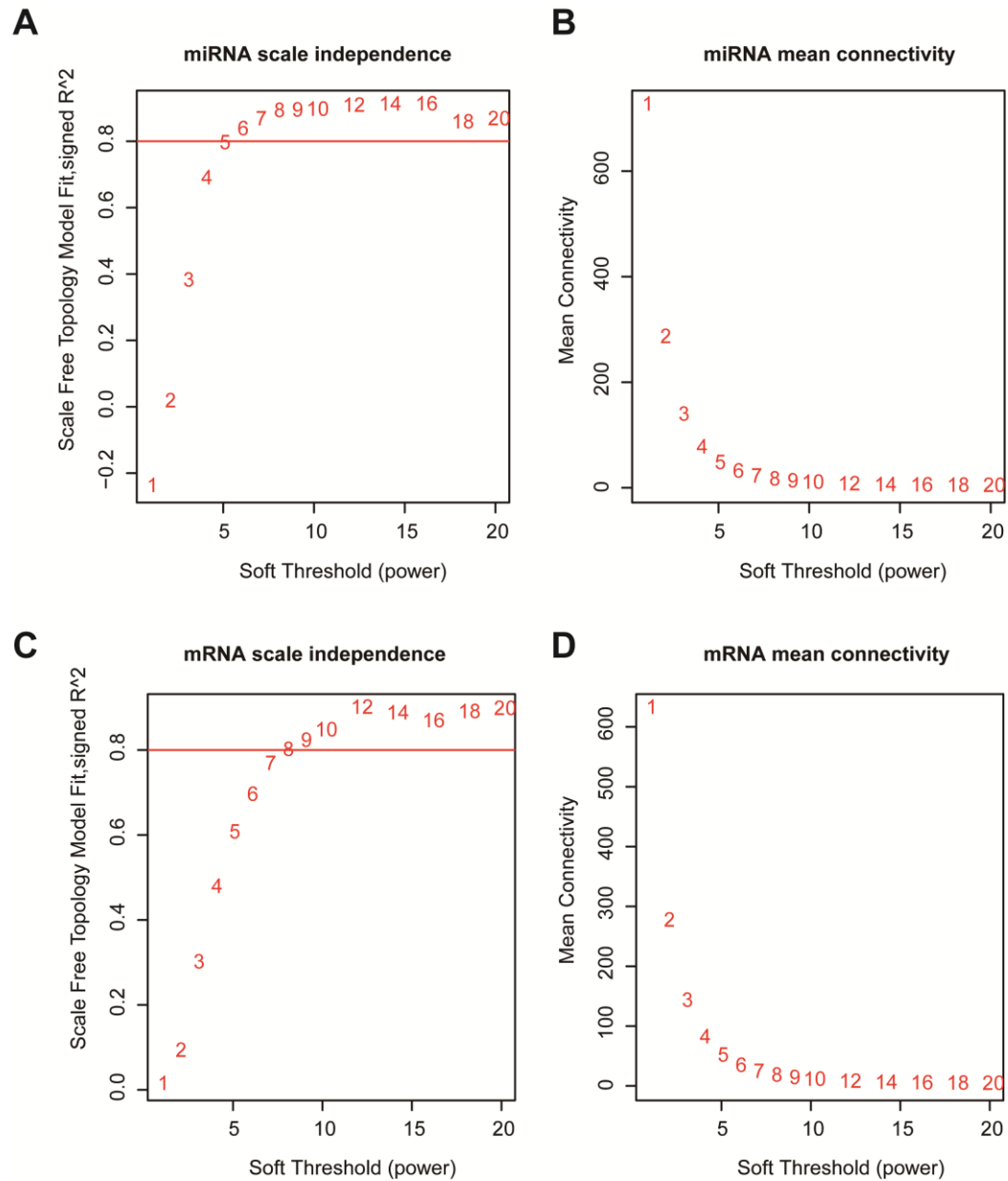


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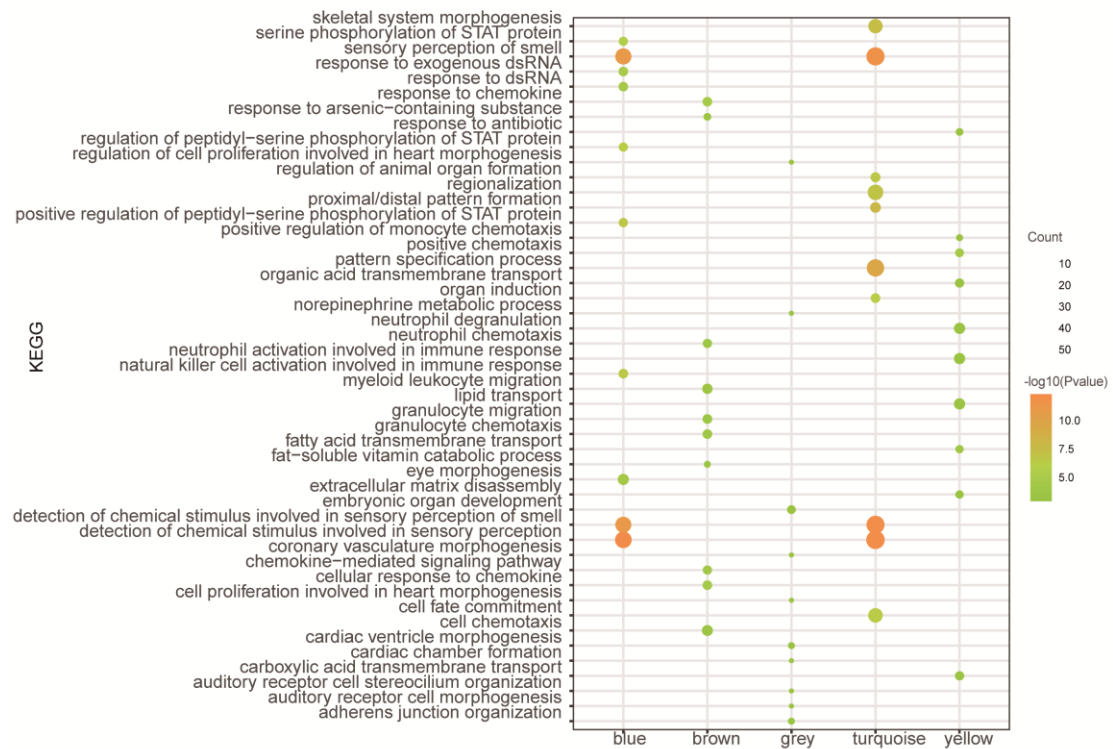


Figure S2. Functional KEGG enrichment analysis of HCM-related mRNA modules

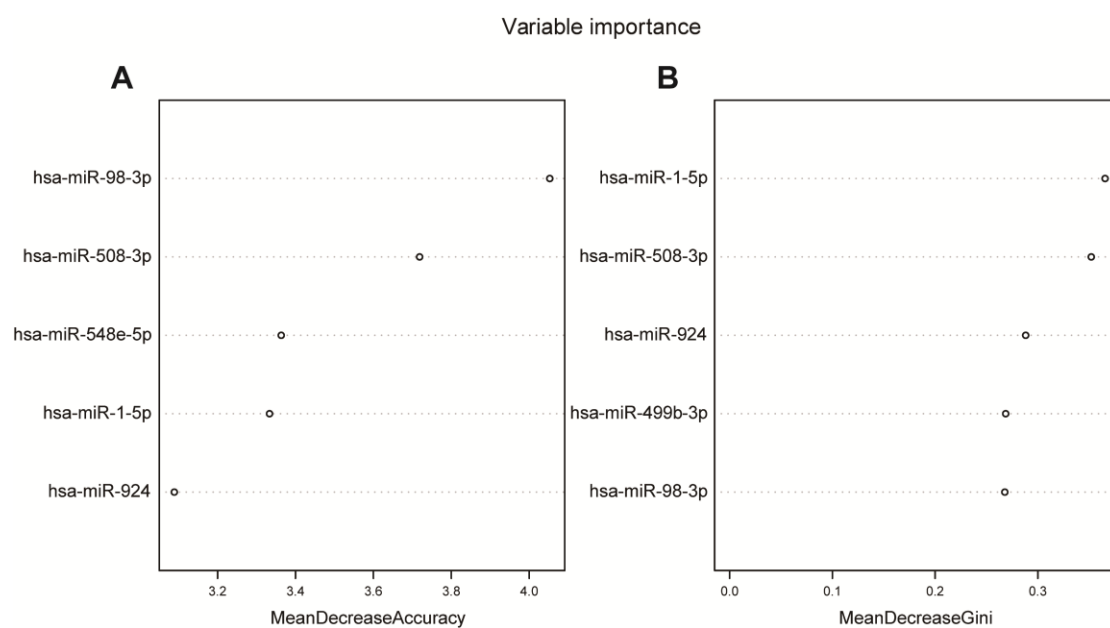


Figure S3. Top 5 characteristic variable filtering based on RF

A. Top 5 mean decrease accuracy miRNAs based on RF. B. Top 5 mean decrease Gini miRNAs based on RF.

Additional file tables

Table S1. Primer sequences for miRNAs

Gene name	5'-3' sequence
hsa- miR-508-3p	GCTGATTGTAGCCTTTTGGAGTAGA
hsa- miR-548e-5p	CAAAAGCAATCGCGGTTTTT
hsa- miR-1-5p	GGCACATACTTCTTTATATGCCCAT
hsa- miR-924	GGCAGAGTCTTGTGATGTCTTGC
hsa- miR-499b-3p	GCAACATCACTGCAAGTCTTAACA
hsa- miR-629-5p	TGGGTTTACGTTGGGAGAACT
hsa- miR-520f-3p	CAAGTGCTTCCTTTTAGAGGGTT
hsa- miR-450a-2-3p	ATTGGGGACATTTTGCATTCAT
hsa- miR-325	GCCCTAGTAGGTGTCCAGTAAGTGT
hsa- miR-98-3p	CGCGGCCTATACAACCTACTACTTTCCC
hsa- miR-3613-5p	CGGCTGTTGTACTTTTTTTTTTTGTTT
hsa- miR-572	GTCCGCTCGGCGGTGGC

Table S2. DEGs in HCM compared with NC groups

Table S3. miRNAs in miRNA-Modules

Table S4. mRNAs in mRNA-Modules

(see supplementary Tables.xlsx)