

## *Supplementary Material*

### **Mannose-Binding Lectin 2 as a Potential Therapeutic Target for Hepatocellular Carcinoma: Multi-Omics Analysis and Experimental Validation**

Hangyu Liao, Jun Yang, Yuyan Xu, Juncheng Xie, Ke Li, Kunling Chen, Jingyuan Pei, Qiong Luo, Mingxin Pan\*

\* Correspondence: Mingxin Pan: panmx@smu.edu.cn

#### 1. Supplementary Tables

**Supplementary Table S1:** Sequences of the miRNA mimics and negative control

RNA oligo	Sequences
miR-34c-3p mimics	AAU CAC UAA CCA CAC GGC CAGG
	UGG CCG UGU GGU UAG UGA UUUU
Negative control	UUC UCC GAA CGU GUC ACG UTT
	ACG UGA CAC GUU CGG AGA ATT

**Supplementary Table S2:** Sequences of the miRNA inhibitor and negative control

RNA oligo	Sequences
miR-34c-3p inhibitor	CCUGGCCGUGUGGUUAGUGAUU
MiRNA inhibitor negative control	CAGUACUUUUGUGUAGUACAA

**Supplementary Table S3:** Sequences of the constructed plasmids and the mutation sites

Name	sequences
MBL2-WT	<p>GCTAGCTTTCTACAAAATCCTGATGAGGTTTCTACTGGGACCACATTGAGTCTATCAATCAACTT  ATGCAGAACTGGCAACTTACTACTGAATCTCTAATCAATGTTTCATCATGTATCGCTTCATGTAAC  TAGAATTTCTTTAACTTAATTGCTATGTTTTGACATTTTTAGTTTAAAAACCTTGATATCTTGT  TTTGGTGGTTT <b>TAGTGA</b> TTTTAATAATATATTTTAAATATTTTTCTTTCTATTGTTGTACACA  GAAATACAGTTAAGTTTGTGTGTAGTCTTACGATGTTTAGTAAACTCAATAAGTTTATTTCTTA  AATCTAGTAATTTGTAGATTCCTCTGGATTTTGTATATGCATAGTCATGTAAGCTGAAAAATATGG  CAATACTTGCTTCTTCCAAGTCGAC</p>
MBL2-Mut	<p>GCTAGCTTTCTACAAAATCCTGATGAGGTTTCTACTGGGACCACATTGAGTCTATCAATCAACTT  ATGCAGAACTGGCAACTTACTACTGAATCTCTAATCAATGTTTCATCATGTATCGCTTCATGTAAC  TAGAATTTCTTTAACTTAATTGCTATGTTTTGACATTTTTAGTTTAAAAACCTTGATATCTTGT  TTTGGTGGTTT <b>GATTAA</b> TTTTAATAATATATTTTAAATATTTTTCTTTCTATTGTTGTACACA  GAAATACAGTTAAGTTTGTGTGTAGTCTTACGATGTTTAGTAAACTCAATAAGTTTATTTCTTA  AATCTAGTAATTTGTAGATTCCTCTGGATTTTGTATATGCATAGTCATGTAAGCTGAAAAATATGG  CAATACTTGCTTCTTCCAAGTCGAC</p>