

Supplementary Material

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

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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	GCTAGCTTTCTACAAAATCCTGATGAGGTTTCTACTGGGACCACATTGAGTCTATCAATCAACTT ATGCAGAACTGGCAACTTACTACTGAATCTCTAATCAATGTTTCATCATGTATCGCTTCATGTAAC TAGAATTTCTTTAACTTAATTGCTATGTTTTGACATTTTGTAGTTTAAAAACCTTGTATATCTTGT TTTGGTGGTTT TAGTGA TTTAAATAATATATTTTAAATATTTTTCTTTCTATTGTTGTACACA GAAATACAGTTAAGTTTGTGTGTAGTCTTACGATGTTTAGTAACTCAATAAGTTTATTTCTTA AATCTAGTAATTTGTAGATTCCTCTGGATTTTGTATATGCATAGTCATGTAAGCTGAAAAATATGG CAATACTTGCTTCTTCCCAAGTCGAC
MBL2-Mut	GCTAGCTTTCTACAAAATCCTGATGAGGTTTCTACTGGGACCACATTGAGTCTATCAATCAACTT ATGCAGAACTGGCAACTTACTACTGAATCTCTAATCAATGTTTCATCATGTATCGCTTCATGTAAC TAGAATTTCTTTAACTTAATTGCTATGTTTTGACATTTTGTAGTTTAAAAACCTTGTATATCTTGT TTTGGTGGTTT GATTAA TTTAAATAATATATTTTAAATATTTTTCTTTCTATTGTTGTACACA GAAATACAGTTAAGTTTGTGTGTAGTCTTACGATGTTTAGTAACTCAATAAGTTTATTTCTTA AATCTAGTAATTTGTAGATTCCTCTGGATTTTGTATATGCATAGTCATGTAAGCTGAAAAATATGG CAATACTTGCTTCTTCCCAAGTCGAC