Supplementary Material

**Up-regulation of hsa-miR-210 Promotes Venous Metastasis and Predicts Poor Prognosis in Hepatocellular Carcinoma**

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# Supplementary Figures and Tables

## Supplementary Figures

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**Figure S1. Correlation of 12 Clinical characteristics with overall survival of HCC patients**

**Notes:** Survival analysis of age(A); gender(B); AFP level(C); pathological grade(D); TNM stage(E); tumor stage(F); lymph-node metastasis(G); distant metastasis(H); child-pugh score(I); liver fibrosis(J); vascular invasion(K); race(L).

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**Figure S2. Expression of hsa-miR-210 in different subgroups**

**Note:** Expression of hsa-miR-210 in subgroups ofage(A); gender(B); AFP level(C); pathological grade(D); TNM stage(E); tumor stage(F); lymph-node metastasis(G); distant metastasis(H); child-pugh score(I); liver fibrosis(J); vascular invasion(K); race(L).

## Supplementary Table

**Table S1.** Target genes of hsa-miR-210

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| miRNA | target gene |
| hsa-miR-210 | ACTN4，ACVR1B(1)，ADAMTSL1，ALDH5A1，ANKHD1-EIF4EBP3，ANTXR1，AP2A2，AQP4，ARC，ARF1，ARHGEF17，ATF7IP，ATG7(2)，ATP5SL，BAZ2B，BDNF(3)，BEND4，BZRAP1，C1QTNF3，CCDC88B，CDHR3，CDK13，CENPP，CORO2B，CORO7，COX19，CR1，CSF1，CSMD2，CYGB，CYTH1，DAK，DGKH，DGKQ，DHCR7，DNMT3B(4)，E2F3(5)，EFNA3(5)，EHD3，ENAM，EPHA7，F7，FAM124B，FAM27E3，FAM73B，FAM89B，FCHSD2，FGD4，FGFR1，FGFRL1(6)，FLNC，FTSJ2，GABRB1，GDE1，GIT2(5)，GPD1L(3)，GPR123，GPR17，GPR97，HCFC2，HDAC4，HMBOX1，HMGCS1，INF2，INHBB，INPP5A，INSIG1，IP6K3，IRF2，ISCU(7)，ITGB3BP，ITPRIP，JDP2，KDM4A，KIAA1161，KIF5A，KLHL29，KMO，KPNA1，KSR1，LAIR1，LOXL4，LRFN1，MAML3，MAN2A2，MAPK1，MAPT，MBTD1，MCM8，MED20，MGRN1，MID1IP1，MLC1，MLH3，MNT(5)，MRPL36，MRTO4，MRVI1，NDRG4，NDUFA10，NDUFA4，NEUROD2(8)，NFIC(9)，NLRC5，NOL12，NOL4，NPLOC4，OSBPL1A，PDK1(10)，PGAM5，PIK3R5，PLEKHA7，POU2F1，POU3F2，PPM1M，PRMT1，PROK1，PSEN1，PTPRD，RAB31，RAB3B，RAB9B，RBM3，RHBG，RSU1，RTP1，SAA1，SCARA3，SDF2，SHMT1，SIN3B，SLC25A26，SLC2A4RG，SLC6A1，SLC8A3，SMAD6，SMG5，SORBS3，SP140L，ST3GAL3，STARD3，STK24，STK25，SYNGAP1，TANC2，TAOK3，TBC1D30，TCTN1，TET2，TIGD5，TMEM135，TMEM30B，TMEM40，TNPO3，TOMM40L，TPD52L2，TRIM41，ULK1，USP6NL，WDFY2，WHSC1，WHSC1L1，ZFAND3，ZNF446，ZNF462(5)，ZNF626，ZNF697，ZNF862 |

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