

## Effects and related mechanisms of serotonin on malignant biological behavior of hepatocellular carcinoma via regulation of Yap

### Supplementary Materials

**Supplementary Table 1: siRNA**

siRNAs	Sequence (5'-3')
Control siRNA	5'-GCAAGCUGACCCUGAAGUUCAU-3'
Yap-siRNA #1	5'-CCACCAAGCUAGAUAAAAGA-3'
Yap-siRNA #2	5'-GAACAUAGAAGGAGAGGAG-3'

**Supplementary Table 2: Primers**

Target	Sequence (5'-3')
GAPDH	F : 5'-CGCGAGAAGATGACCCAGAT-3' R : 5'-GCACTGTGTTGGCGTACAGG-3'
5HT <sub>1A</sub> R	F : 5'-GGCAATGCCTGCGTGGTTGC-3' R : 5'-TGGCGCACAGGTGCAGGATG-3'
5HT <sub>1B</sub> R	F : 5'-CTCCCGCCACCTCCCAGACA-3' R : 5'-GGGTGTGCAGCTTCCGGGTC-3'
5HT <sub>2A</sub> R	F : 5'-TTCACCACAGCCGCTTCAA-3' R : 5'-ATCCTGTAGTCCAAAGACTGGGATT-3'
5HT <sub>2B</sub> R	F : 5'-GGCTGATTTGCTGGTTGGATTG-3' R : 5'-GGCCATGTAGCCTCAAACATG-3'
5-HT <sub>4</sub> R	F : 5'-GTGCTAAGGTATACAGTTTTGC-3' R : 5'-CCAGGGACTCTGGGTCATTG-3'
5-HT <sub>3</sub> R	F : 5'-GCCGCTGTGTGTTGGTCTCT-3' R : 5'-GACGGTGGCGTGACGGACAG-3'
5-HT <sub>7</sub> R	F : 5'-ATTGTGTCCCTGGCGCTGGC-3' R : 5'-CGAGGCCGTGCAGCACATGA-3'
E-cadherin	F : 5'-TAACCGATCAGAATGAC-3' R : 5'-TTTGTCAGGGAGCTCAGGAT-3'
Vimentin	F : 5'-GAGAACTTTGCCGTTGAAGC-3' R : 5'-GCTTCCTGTAGGTGGCAATC-3'