

Figure S1. miR-15a-5p inhibitor partially reverses the effects of vitamin D3 on the proliferation of Hep3B and HepG2 cells. (A) MTT assay of Hep3B cells transfected with the miR-15a-5p inhibitor or inhibitor-ctrl after vitamin D3 treatment. (B) MTT assay of HepG2 cells transfected with the miR-15a-5p inhibitor or inhibitor-ctrl treated with vitamin D3. miR, microRNA; D3, vitamin D3; inhibitor-ctrl, inhibitor-control; OD, optical density. *P<0.05 and **P<0.01 vs. DMSO + inhibitor-ctrl.

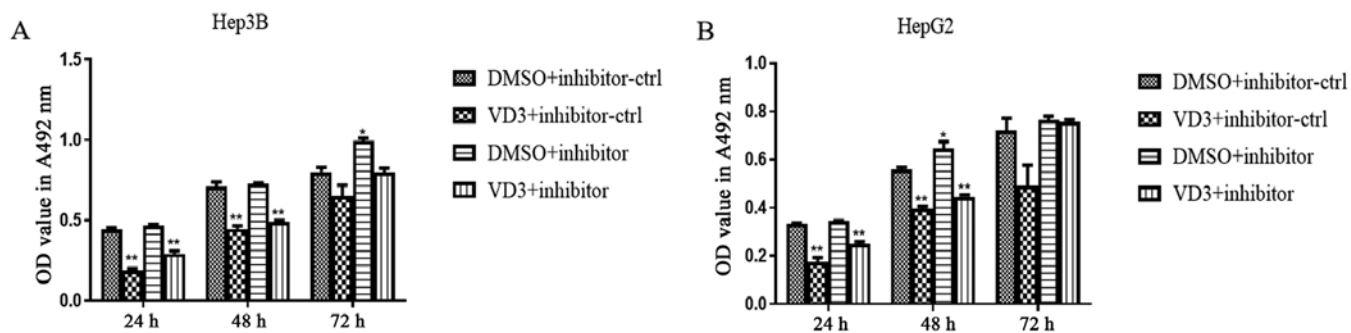


Table SI. Primers and oligonucleotides.

Name	Sequence (5'-3')
U6-RT	CGCTTCACGAATTTGCGTGTCAT
U6-F	GCTTCGGCAGCACATATACTAAAAT
U6-R	CGCTTCACGAATTTGCGTGTCAT
miR-15a-5p-RT	GTCGTATCCAGTGC GTGTTCGTGGAGTCGGCAATTGCACTGGATACGACCACAAAC
miR-15a-5p-F	ATCCAGTGC GTGTTCGTG
miR-15a-5p-R	TGCTTAGCAGCACATAATG
miR-214-3p-RT	GTCGTATCCAGTGC GTGTTCGTGGAGTCGGCAATTGCACTGGATACGACACTGCCT
miR-214-3p-F	ATCCAGTGC GTGTTCGTG
miR-214-3p-R	TGCTACAGCAGGCACAGAC
miR-203a-3p-RT	GTCGTATCCAGTGC GTGTTCGTGGAGTCGGCAATTGCACTGGATACGACCTAGTGG
miR-203a-3p-F	ATCCAGTGC GTGTTCGTG
miR-203a-3p-R	TGCTGTGAAATGTTTAGGA
miR-15a-5p mimics-S	UAGCAGCACAUAAUGGUUUGUG
miR-15a-5p mimics-A	CAAACCAUUAUGUGCUGCUAUU
mimics control-S	UUCUCCGAACGUGUCACGUTT
mimics control-A	ACGUGACACGUUCGGAGAATT
miR-15a-5p inhibitor	CACAAACCATTATGTGCTGCTA
inhibitor-ctrl	CAGTACTTTTGTGTAGTACAA
siRNA-ctrl-S	UUCUCCGAACGUGUCACGUTT
siRNA-ctrl-A	ACGUGACACGUUCGGAGAATT
si-E2F3-S	GACUUCAUGUGUAGUUGAUUU
si-E2F3-A	AUCAACUACACAUGAAGUCUU