SK-Hep-1

Anchorage independent growth

miR-122 mimetic



Control RNA

Hep3B

A Northern blot

B Clonogenic survival



HepG2 MTT assay Β A Northern blot analysis Cell growth (arbitrary units) control miR-122 mimetic **1.6** P=0.01 P=0.002 ** 1.4 ** control 1.2 P=0.002 1 ** P=0.03 5S rRA 0.8 miR-122 0.6 0.4 0.2 0 miR-122 0d 1d 2d 3d **4d** 5d С **Invasion assay** ii. i. Vector miR-122 60 Arbitrary unit 40 Vector 20 miR-1 0 % inhibition 0 60





C Replication potential



D Cell Migration



E Clonogenic survival





B ADAM-17 mRNA level



A 145-151 SRF-3'UTR 5' ...AGGACUGAGCCCUCUCACUCCAG.. || ||||| hsa-mir-122 3' UGUUUGUGGUAACAGUGUGAGGU





A IGF1R 3-UTR

		1347-1353
IGF1R-3'UTR	5'	UCUCCCCUUUCUGCUCACUCCAA
hsa-miR-122	3'	UGUUUGUGGUAACAGUGUGAGGU

B Luciferase assay



C IGF1R real-time RT-PCR

D Inverse correlation of IGFR1 and miR-122 Levels







