a

HCV Genome 5'-UTR

pFK-I389neo/NS3-3'/5.1 5'-UTR

pFK-I389neo/NS3-3'/Δ5B 5'-UTR

pFK-I389luc/NS3-3'/5.1 5'-UTR

pFK-I389neo/luc/NS3-3'/5.1 5'-UTR

b

Huh-7 cells

Transfection with HCV replicon RNA

Treatment with 25-hydroxy cholesterol

Final samples for GeneChip analysis

Control Huh-7 cells

Replicon-treated

25-hydroxy cholesterol-treated

Replicon + 25-hydroxy cholesterol-treated