

In silico analyses of let-7a and miR-34a in HCC

Step 1 Target prediction

miRWalk

DIANA-
microT

miRNA.org

mirBridge

miRDB

miRmap

miRNA
Map

PicTar

PITA

RNA22

RNAhybrid

Targetscan

80 Predicted common targets for both let-7a and miR-34a

Step 2 Target validation

miRWalk

miRecords

Tar base

miR Tar Base

Identifying novel targets FNDC3B, IGF2 and SOX4

Step 3 Functional enrichment analysis

miRWalk

Gene Trail

Identifying novel pathways and GO terms of major and emerging HCC hallmarks