

Published tools

Patscan
Targetfinder
miRNAassist
WMD3
Helper tool
Tapirfasta
Tapirhybrid
Target-align
Target_Prediciton
psRNATarget
miRtour
p-TAREF
psRobot
Slice detector
imiRTP
miRanda
RNAhybrid
Targetscan

Functional Tools

Targetfinder
Tapirfasta
Tapirhybrid
Target-align
Target_Prediciton
psRNATarget
p-TAREF
psRobot
miRanda
RNAhybrid
Targetscan

Stage I

Run -time evaluation

Target-align
p-TAREF
miRanda

Stage II

Tool evaluation (Precision and Recall)

- Slow running time
- Slow running time
- High false positives

Tools at their optimum score cutoffs

Tapirfasta
Tapirhybrid
Target_Prediction
psRNATarget
psRobot
Targetfinder

Additional file 1