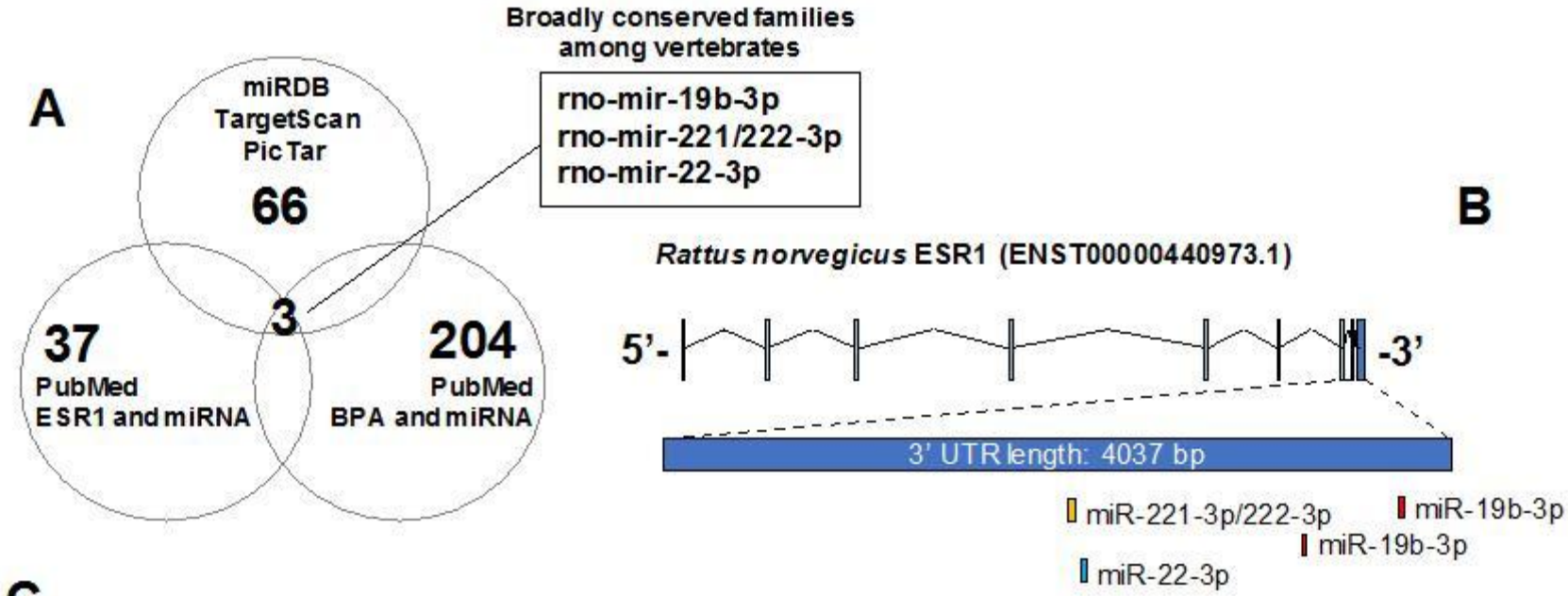
A
miRDB
TargetScan
PicTar
66
37
PubMed
ESR1 and miRNA
3
204
PubMed
BPA and miRNA
Broadly conserved families
among vertebrates
rno-mir-19b-3p
rno-mir-221/222-3p
rno-mir-22-3p
B
Rattus norvegicus ESR1 (ENST00000440973.1)
5'-
-3'
3' UTR length: 4037 bp
miR-221-3p/222-3p
miR-19b-3p
miR-19b-3p
miR-22-3p
C
2014-2021 of ESR1 3' UTR 5' . . . AUGACAGACAAUCUUAUGUAGCA . .
rno-miR-221-3p 3' CUUUGGGUCGUCUGUUACAUCGA
3477-3483 of ESR1 3' UTR 5' . . . UAUGGCUGUCUCAAUUUUGCACU. . .
rno-miR-19a-3p 3' AGUCAAAACGUAUCUAAACGUGU
3940-3946 of ESR1 3' UTR 5' . . . ACACUGUAAGCCUCUUUUGCACC. . .
rno-miR-19b-3p 3' AGUCAAAACGUACCUAAACGUGU
2053-2060 of ESR1 3' UTR 5' . . . AGGAAAAUUAUUCAG- -GGCAGCUA . .
rno-miR-22-3p 3' UGUCAAGAAGUUGACCGUCGAA
780-786 of ESR1 3' UTR 5' . . . GGGGCUUGCAAUAAAGGCAGCUU. . .
rno-miR-22-3p 3' UGUCAAGAAGUUGACCGUCGAA
2694-2700 of ESR1 3' UTR 5' . . . AGCCAUUUCCAAAAUGGCAGCUU. . .
rno-miR-22-3p 3' UGUCAAGAAGUUGA- - CCGUCGAA