

A

	Sequence	Hairpin	Mature reads	MiRNA* reads
Tgu-miR-novel-1	GUGACUGAGACAUGAUGCUCAU	Y	304	5
Tgu-miR-novel-2	UUUUCCUAUAUGAAAUGGCAGA	Y	66	44
Tgu-miR-novel-3	UCGGGCUUGAUUUUAGAGGACU	Y	73	5

Tgu-miR-novel-1 GUGACUGAGACAUGAUGCUCAU

```

5'      AAG  -      C  -      C      AAUG  C
CAAGGGG  G  UGACUGAGA  AU  GAUG  UCAU      AC  U
GUUCCCU  C  ACUGACUCU  UG  CUAC  AGUA      UG  U
3'      CAA  A      U  U      -      AA--  U

```

Tgu-miR-novel-2 UUUUCCUAUAUGAAAUGGCAGA

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5'      AAAAAC      GG  -  A      UUGA
UAGAG      UUGCCAU  UC  UG  AGGAAAAGG      U
AUUUC      GACGGUA  AG  AU  UCCUUUUUC      U
3'      CAACA  A      AA  U  A      UAUG

```

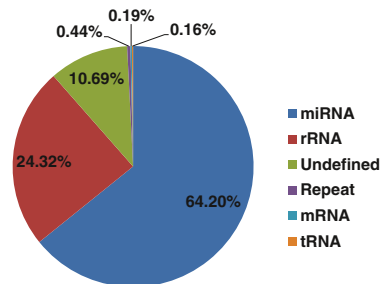
Tgu-miR-novel-3 UCGGGCUUGAUUUUAGAGGACU

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5'      -      C      C      U      AAA
CG  AGAGUCC  CUUAAA  CAAGCUC  GAGC  \
GC  UCUCAGG  GAAUUU  GUUCGGG  UUUG  U
3'      U      A      A      C      AAA

```

B



C

