

Pre-miR439a (pre-miRNA)

[illegible]

[illegible][illegible][illegible]

2. **Pre-miR529** (note that sequence abundance suggests that both miR529 and miR529* should be 1nt longer than previously reported, which are shown in green and pink, respectively)

[illegible]

D. Examples where the most abundant small RNA species (in green) is not the reported miRNA

1. Pre-miR167d (the expected miRNA shown in red is not the most abundant small RNA species from pre-miR167d-j)

UGAAGCUGCCAGCAUGAUCUGAU, 1
UGAAGCUGCCAGCAUGAUCUGAU, 9
UGAAGCUGCCAGCAUGAUCUG, 1293
UGAAGCUGCCAGCAUGAUCU, 170
UGAAGCUGCCAGCAUGAUC, 68
UGAAGCUGCCAGCAUGAU, 17
GAAGCUGCCAGCAUGAUCUGA, 28
GAAGCUGCCAGCAUGAUCUG, 2
GAAGCUGCCAGCAUGAUCU, 1
GAAGCUGCCAGCAUGAUC, 1
AAGCUGCCAGCAUGAUCUGA, 3
UGAAGCUGCCAGCAUGAUCUGA, 9104 GAUCAUGCUGUGCAGUUUCAUC, 1
CAUUAGGAGC**UGAAGCUGCCAGCAUGAUCUG**AUGAGUGCUUAUUAGGUGAGGGCAGAAUUGACUGCCAAAACAAGAUA**CAUCAUGCUGUGCAGUUUCAUC**UGCUUGUG
(((.(.((.(.(((((((((((((((((((((((((. ...(((.....)))...((((((.....)))))).....)))))))).)))))))).).)).)))))

