

**S8 Table. miRNA mimics used for cell transfection and worm electroporation**

Names	Sequences	Modifications
let-7a	GGAGGUAGUUCGUUGUGUGGU	2`-Ome
Antisense-let-7a	ACCACACAACGAACUACCUCC	2`-Ome
Scrambled miRNA	CCUCCAUCAACGUUGUGUGGU	2`-Ome
miR-2	UCACAGCCAGUAUUGAUGAACG	2`-Ome
Antisense-miR-2	CGUUCAUCAAUACUGGCUGUGA	2`-Ome
Scrambled miRNA	GGUGCAGAGCUAUUGAUGAACG	2`-Ome
miR-8 mimics	UAAUACUGUUAGGUAAGAUGCC	2`-Ome,PS
Antisense-miR-8	GGCAUCUUUACCUAACAGUAUUA	2`-Ome,PS
Scrambled miR-8	GUAUUGCAAGACAUAAGAUGCC	2`-Ome,PS
miR-31 mimics	UGGCAAGAUUACGGCGAAGCU	2`-Ome,PS
Antisense-miR-31	AGCUUCGCCGUAUUCUUGCCA	2`-Ome,PS
Scrambled miR-31	GCGCAUACGGUCGGCGAAGCU	2`-Ome,PS
miR-3479 mimics	UAUUGCACUUACCUUCGCCUUG	2`-Ome,PS
Antisense-miR-3479	CAAGGCGAAGGUAAGUGCAAUA	2`-Ome,PS
Scrambled miR-3479	GUAACGUGAAACCAUCGCGUUG	2`-Ome,PS
Bantam mimics	UGAGAUCGCGAUUAAAGCU	2`-Ome,PS
Antisense-bantam	AGCUUUAUUCGCGAUCUCA	2`-Ome,PS
Scrambled bantam	GCUCUGGCGGAUUAAGCU	2`-Ome,PS
miR-277 mimics	UAAAUGCAUUUUCUGGCCCGU	2`-Ome,PS
Antisense-miR-277	ACGGGCCAGAAAUGCAUUUA	2`-Ome,PS
Scrambled miR-277	UCUGCCGACCAUCUGGCCCGU	2`-Ome,PS