

This file contains information on structure and read distribution for the following novel miRNAs:

gga-novel-26
gga-novel-45
gga-novel-143
gga-novel-144
mdo-novel-52
mdo-novel-89
mdo-novel-112

The information was generated by miRDeep2 as part of the miRNA annotation pipeline, as described in the main text. For each miRNA, the information refers to the sample for which miRDeep2 reported the highest score.

gga-novel-26

This miRNA was identified in the following samples:

Chicken brain F rep1	NO
Chicken brain F rep2	NO
Chicken brain F rep3	NO
Chicken brain M rep1	NO
Chicken brain M rep2	NO
Chicken brain M rep3	NO
Chicken heart F rep1	NO
Chicken heart F rep2	NO
Chicken heart F rep3	NO
Chicken heart M rep1	NO
Chicken heart M rep2	NO
Chicken heart M rep3	NO
Chicken liver F rep1	NO
Chicken liver F rep2	NO
Chicken liver F rep3	NO
Chicken liver M rep1	NO
Chicken liver M rep2	NO
Chicken liver M rep3	NO
Chicken ovary F rep1	NO
Chicken ovary F rep2	NO
Chicken ovary F rep3	NO
Chicken testis M rep1	YES
Chicken testis M rep2	YES
Chicken testis M rep3	YES – highest score

Mature

Star

uuguccagugucagggagcucugcuuugaccagguuggguggcuggggaccugugagggcacagggaccccgugauugaaccuguugcauugcuugcaugaaacacaaccu			
.....ucugcuuugaccagguuggguggcugg.....	36	0	seq
.....ucugcuuugaccagguuggguggcuUg.....	16	1	seq
.....ucugcuuugaUcagguuggguggcugg.....	65	1	seq
.....Ccuugcuuugaccagguuggguggcugg.....	1	1	seq
.....ucugcuuugaccagguuggguggcuggg.....	24	0	seq
.....ucugcuuugaccagguuggguggcuggU.....	1	1	seq
.....ucugcuuugaUcagguuggguggcuggg.....	14	1	seq
.....cugcuuugaUcagguugggug.....	3	1	seq
.....cugcuuugaccagguugggug.....	1	0	seq
.....Uugcuuugaccagguugggugg.....	5	1	seq
.....cugcuuugaccagguugggugg.....	5	0	seq
.....cugcuuugaUcagguugggugg.....	15	1	seq
.....cugcuuugaccagguuggguggcuUg.....	10	1	seq
.....ugcuuugaccagguuggg.....	25	0	seq
.....ugcuuugaccagAuuggg.....	1	1	seq
.....ugcuuugaUcagguuggg.....	10	1	seq
.....ugcuuugaUcagguugggu.....	1	1	seq
.....ugcuuugaccagguugggu.....	3	0	seq
.....ugcuuugaUcagguugggug.....	5	1	seq
.....ugcuuugaccagguugggug.....	72	0	seq
.....ugcuuugaUcagguugggugg.....	43	1	seq
.....ugcuuugaccagguugggugg.....	83	0	seq
.....ugcuuugaUcagguuggguggc.....	37	1	seq
.....ugcuuugaccagguuggguggc.....	26	0	seq
.....ugcuuugaccagguuggguggcu.....	48	0	seq
.....ugcuuugaUcagguuggguggcu.....	24	1	seq
.....ugcuuugaccagguuggguggcu.....	1	1	seq
.....ugcuuugaccagguuggguggcuA.....	2	1	seq
.....ugcuuugaccagguuggguggcug.....	3	0	seq
.....ugcuuugaUcagguuggguggcug.....	7	1	seq
.....ugcuuugaccagguuggguggcugg.....	19	0	seq
.....ugcuuugaUcagguuggguggcugg.....	15	1	seq
.....ugcuuugaccagguuggguggcugU.....	2	1	seq
.....ugcCuugaccagguuggguggcugg.....	2	1	seq
.....ugcuuugaccagguuggguggcuUg.....	7	1	seq
.....ugcuuugaccagguuggguggcugg.....	2	1	seq
.....ugcuuugaccagguuggguggcuggg.....	9	0	seq
.....ugcuuugaUcagguuggguggcuggg.....	10	1	seq
.....ugcuuugaccagguuggguggcugggg.....	4	0	seq
.....ugcuuugaccagguuggguggcuUggg.....	3	1	seq
.....ugcuuugaUcagguuggguggcugggg.....	1	1	seq
.....cuuugaccagguuggguggcugggg.....	2	0	seq
.....cuuugaccagguuggguggcugggg.....	1	1	seq
.....uugaccagguuggguggcugggg.....	2	0	seq
.....ugaccagguuggguggcugggg.....	6	0	seq
.....aUcagguuggguggcugggg.....	5	1	seq
.....Ucagguuggguggcuggg.....	4	1	seq
.....ccgugauugaaaccuguugcauugc.....	1	0	seq
.....ccgugauuAaaaccuguugcauugc.....	1	1	seq
.....cgugauugaaaccuguugcauug.....	6	0	seq
.....auugaaaccuguugcauug.....	11	0	seq

gga-novel-45

This miRNA was identified in the following samples:

Chicken brain F rep1	YES
Chicken brain F rep2	YES
Chicken brain F rep3	YES
Chicken brain M rep1	YES
Chicken brain M rep2	YES
Chicken brain M rep3	YES
Chicken heart F rep1	YES
Chicken heart F rep2	YES
Chicken heart F rep3	YES
Chicken heart M rep1	YES
Chicken heart M rep2	YES
Chicken heart M rep3	YES
Chicken liver F rep1	YES
Chicken liver F rep2	YES
Chicken liver F rep3	YES – highest score
Chicken liver M rep1	YES
Chicken liver M rep2	YES
Chicken liver M rep3	YES
Chicken ovary F rep1	YES
Chicken ovary F rep2	YES
Chicken ovary F rep3	YES
Chicken testis M rep1	YES
Chicken testis M rep2	YES
Chicken testis M rep3	YES

Mature

Star

gcuccgccccccccgaacaguaagaguuugaugugcggaacgcagccugcaugugaguccuacugccggggagggggcuguacccgacgggacccccgcg

.....gaacaguaagaguuugaugugUg.....	2	1	seq
.....gGacaguaagaguuugaugugcg.....	1	1	seq
.....gaacaguaagaguuugGugugcg.....	3	1	seq
.....gaGcaguaagaguuugaugugcg.....	4	1	seq
.....gaacaguaagaguuCaugugcg.....	1	1	seq
.....gaacaguaagaguuugaugugcgC.....	2	1	seq
.....gaacaguaagaguuAaugugcg.....	3	1	seq
.....Caacaguaagaguuugaugugcg.....	180	1	seq
.....gaacaguaGagaguuugaugugcg.....	4	1	seq
.....gaacaguaGgaguuugaugugcg.....	82	1	seq
.....gaacaguaagaguuugaugugcg.....	723	0	seq
.....gaacaguaagaguuCaugugcg.....	3	1	seq
.....gaacaguaagaguuugaugugUgg.....	3	1	seq
.....gaacagAaagaguuugaugugcg.....	1	1	seq
.....Uaacaguaagaguuugaugugcg.....	177	1	seq
.....Aaacaguaagaguuugaugugcg.....	215	1	seq
.....gaacaguaagaguuugaugugcgU.....	69	1	seq
.....gaacaguaagaguuugaugugcgA.....	79	1	seq
.....gaacaguaagaguuugaugugcgAg.....	1	1	seq
.....gaacaguaagaguuugaugugcggc.....	1	0	seq
.....gaacaguaagaguuugaugugcggu.....	30	1	seq
.....gaacaguaagaguuugaugugcgguUg.....	1	1	seq
.....aacaguaagaguuugaugu.....	39	0	seq
.....aacaguaGgaguuugaugu.....	4	1	seq
.....aacaguaGgaguuugaugug.....	40	1	seq
.....aacaguaagaguuugaugug.....	217	0	seq
.....aacaguaagGguugaugug.....	1	1	seq
.....aacaguaagaguuugaugCg.....	1	1	seq
.....aacaguaagaguuAaugug.....	1	1	seq
.....aGcaguaagaguuugaugug.....	3	1	seq
.....aaAaguaagaguuugaugug.....	1	1	seq
.....aacAuaagaguuugaugugc.....	1	1	seq
.....aacaguaagaguuugaugugG.....	8	1	seq
.....aacagAaagaguuugaugugc.....	1	1	seq
.....aacaguaagaguuugaugugU.....	4	1	seq
.....aacaguaagaguuCaugugc.....	1	1	seq
.....aacaguaaAauguuugaugugc.....	4	1	seq
.....aacaguaagaguuugcGugc.....	1	1	seq
.....aacaguaGgaguuugaugugc.....	678	1	seq
.....aacaguaagaAauguuugaugugc.....	1	1	seq
.....aacaguaagaguuugauguAc.....	6	1	seq
.....aacaguaagaguuugauguUc.....	2	1	seq
.....aacagGaaagaguuugaugugc.....	2	1	seq
.....aacaguuUagaguuugaugugc.....	1	1	seq
.....aacaguaagagCugaugugc.....	1	1	seq
.....aacGguaagaguuugaugugc.....	1	1	seq
.....aacAUaaagaguuugaugugc.....	3	1	seq
.....aaAaguaagaguuugaugugc.....	2	1	seq
.....aaGaguaagaguuugaugugc.....	1	1	seq
.....aacagCaagaguuugaugugc.....	3	1	seq
.....aGcaguaagaguuugaugugc.....	13	1	seq
.....aacACuaagaguuugaugugc.....	1	1	seq
.....aacaguaagaguuugauguA.....	58	1	seq
.....aacaguaagaguuugauguCc.....	1	1	seq
.....aacUguaagaguuugaugugc.....	2	1	seq
.....aacaguaagaguuCgagugc.....	3	1	seq
.....aaUaguaagaguuugaugugc.....	16	1	seq
.....aUcaguaagaguuugaugugc.....	1	1	seq
.....aacaguaagaguuugauAugc.....	1	1	seq
.....aacaguaagaguuugUugugc.....	1	1	seq
.....aacaguuGagaguuugaugugc.....	4	1	seq
.....aacaguaagaguuugaugCgc.....	5	1	seq
.....aacaguaagaguuAaugugc.....	24	1	seq
.....aacaguaagGguugaugugc.....	6	1	seq
.....aacaguaagaguuugaugugc.....	4637	0	seq
.....Gacaguaagaguuugaugugc.....	5	1	seq
.....aacaguaagaguuugGugugc.....	2	1	seq
.....aacaguaagGguugaugugcg.....	45	1	seq
.....aGcaguaagaguuugaugugcg.....	55	1	seq
.....aacAUaaagaguuugaugugcg.....	12	1	seq

Mature

Star

gcuccgcgccgccccccgaaacaguaagagugaugugcgcgaaacgcagccugcaugugagcuccuacugccgaggagggggcuguacccgcgggacccccgcg

.....aacaguaagagugaugugGg.....	10	1	seq
.....aacUguaagagugaugugcg.....	4	1	seq
.....aacaguaUgagugaugugcg.....	8	1	seq
.....Uacaguaagagugaugugcg.....	2	1	seq
.....aacaguaagUguugaugugcg.....	2	1	seq
.....aacGaguaagagugaugugcg.....	3	1	seq
.....aacaguaagagugugaCgugcg.....	11	1	seq
.....aacaguaagagugugaGgugcg.....	2	1	seq
.....aacaguaaCaguugaugugcg.....	2	1	seq
.....aacaguaagagugaugugUg.....	47	1	seq
.....aacaguaagagugauUugcg.....	6	1	seq
.....aacaguaagagugaugugcg.....	31802	0	seq
.....aacaguaagagugaugugAg.....	10	1	seq
.....aacCguaagagugaugugcg.....	1	1	seq
.....aacaguaaAaugaugugcg.....	4	1	seq
.....aUcaguaagagugaugugcg.....	4	1	seq
.....aaAaguaagagugaugugcg.....	3	1	seq
.....aacaguaaAgaCuugaugugcg.....	1	1	seq
.....aacaguaGgagugaugugcg.....	4462	1	seq
.....Gacaguaagagugaugugcg.....	29	1	seq
.....aacaguaaagaguugCugugcg.....	3	1	seq
.....aCcaguaagagugaugugcg.....	1	1	seq
.....aacaguaagagugaugugcA.....	100	1	seq
.....aacaguaaagagugugaAgugcg.....	1	1	seq
.....aacaguaaUagugaugugcg.....	11	1	seq
.....aacaguaaagagugauAugcg.....	8	1	seq
.....aacaguaaagagugauguUcg.....	10	1	seq
.....aacaguaaAaguugaugugcg.....	40	1	seq
.....aacaguaaagagugauguAcg.....	12	1	seq
.....aacGguaagagugaugugcg.....	24	1	seq
.....aacCuaagagugaugugcg.....	2	1	seq
.....aacaguaaagagugauCugcg.....	4	1	seq
.....aacaguaaagagugaugCgcg.....	14	1	seq
.....aacaguaaagaguuCaugugcg.....	2	1	seq
.....aacaguaaagagugaugugcU.....	18	1	seq
.....aacAUaaagagugaugugcg.....	3	1	seq
.....aacaguaaagagCugaugugcg.....	7	1	seq
.....aacaguaaagagugaugugcC.....	7	1	seq
.....aacaguaaagaguuGgugugcg.....	40	1	seq
.....aaUaguaaagagugaugugcg.....	35	1	seq
.....aacaguaaagaguuAaugugcg.....	172	1	seq
.....aacaguaaagagAugaugugcg.....	1	1	seq
.....aacaguaaagagugauguCc.....	7	1	seq
.....aacagCaagagugaugugcg.....	12	1	seq
.....aacaguaaagaUuugaugugcg.....	2	1	seq
.....aacaguaaagaguuCgugugcg.....	20	1	seq
.....aacaguaCgagugaugugcg.....	1	1	seq
.....aacagUGagagugaugugcg.....	58	1	seq
.....aacaguaaagaguuUaugugcg.....	10	1	seq
.....aacaguaaagaguuUugugcg.....	5	1	seq
.....aacaguaaagaguuUaugugcgg.....	68	1	seq
.....aacaguaaagaguuUugugcgg.....	36	1	seq
.....aacaguaaUaguugaugugcgg.....	61	1	seq
.....aacagUUagagugaugugcgg.....	12	1	seq
.....aacaguaaCaguugaugugcgg.....	18	1	seq
.....aacaguaaagaguuCugcgg.....	26	1	seq
.....aacaguaaagaguuGgugugcgg.....	286	1	seq
.....aacaguaaagaguuCaugugcgg.....	27	1	seq
.....aacaguaaagaUuugaugugcgg.....	58	1	seq
.....aacAUaaagagugaugugcgg.....	56	1	seq
.....aacaguaGgagugaugugcgg.....	33770	1	seq
.....aacaguaaagaAaugaugugcgg.....	70	1	seq
.....aacaguaUgagugaugugcgg.....	51	1	seq
.....aacaguaaagaguuUcgg.....	126	1	seq
.....aacaguaaagaguuCgugcgg.....	97	1	seq
.....aacagGaagagugaugugcgg.....	1	1	seq
.....aacaguaaagaguuAucgg.....	145	1	seq
.....aacaguaaagagGugaugugcgg.....	2	1	seq
.....aaGaguaaagagugaugugcgg.....	6	1	seq
.....aacaguaaagagugaugugcAg.....	152	1	seq

Mature

Star

Sequence	Count	Category	Type
gcuccgcgccgccccccggaacaguaagagugaugugcgcgaaacgcagccu			
.....aacaguaagagugaugugUgg.....	852	1	seq
.....aacaguaagagAugaugugcgg.....	19	1	seq
.....aacagCaagagugaugugcgg.....	154	1	seq
.....aacaguaagagugaugugcgg.....	5	1	seq
.....aacaguaagagugaugugcUg.....	117	1	seq
.....aacGguaagagugaugugcgg.....	208	1	seq
.....aacaguaagagugaugugAgg.....	31	1	seq
.....aacaguaCgagugaugugcgg.....	17	1	seq
.....aacaguaagagugaugAugcgg.....	100	1	seq
.....aUcaguaagagugaugugcgg.....	22	1	seq
.....aacaguaagagugaugAgcgg.....	24	1	seq
.....aacaguaagagugaugugcgU.....	4654	1	seq
.....aacaguaagagugCugugcgg.....	17	1	seq
.....aCcaguaagagugaugugcgg.....	9	1	seq
.....aaAaguaagagugaugugcgg.....	30	1	seq
.....aacaguaagaCuugaugugcgg.....	22	1	seq
.....aacagugGagagugaugugcgg.....	516	1	seq
.....Uacaguaagagugaugugcgg.....	28	1	seq
.....aacaguaagagugCgugugcgg.....	215	1	seq
.....aGcaguaagagugaugugcgg.....	553	1	seq
.....aacAuaagagugaugugcgg.....	77	1	seq
.....aacaguaagagugaugCgcgg.....	134	1	seq
.....aacaguaagUguugaugugcgg.....	25	1	seq
.....aacUguaagagugaugugcgg.....	33	1	seq
.....Gacaguaagagugaugugcgg.....	213	1	seq
.....aacaguaagagugaGgugcgg.....	3	1	seq
.....aacaguaagaguuAaugugcgg.....	1564	1	seq
.....aacaguaagagCugaugugcgg.....	85	1	seq
.....aacaguaagagugaugugcgA.....	9061	1	seq
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.....aacaguaagagugAugugcgg.....	14	1	seq
.....aacaguaagagugaugugcCg.....	38	1	seq
.....aacaguaagagugauguCcgg.....	59	1	seq
.....aacaguaagagugaugugcgC.....	336	1	seq
.....aacaCuaagagugaugugcgg.....	33	1	seq
.....aacaguaagagugugaAgugcgg.....	17	1	seq
.....aacaguaagagugaugugGgg.....	11	1	seq
.....aacagAaagagugaugugcgg.....	9	1	seq
.....aacaguaagCguugaugugcgg.....	8	1	seq
.....Cacaguaagagugaugugcgg.....	6	1	seq
.....aacaguaaAagugaugugcgg.....	346	1	seq
.....aaUaguaagagugaugugcgg.....	267	1	seq
.....aacaguaagagugauguUugcgg.....	58	1	seq
.....aacCguaagagugaugugcgg.....	5	1	seq
.....aacaguaagGguugaugugcgg.....	383	1	seq
.....aacaguaagagugaugugcgAc.....	1	1	seq
.....Gacaguaagagugaugugcggc.....	1	1	seq
.....aaUaguaagagugaugugcggc.....	3	1	seq
.....aacaguaagagugaugugUggc.....	5	1	seq
.....aacaAuaagagugaugugcggc.....	1	1	seq
.....aacaguaagagugaugugcggU.....	18921	1	seq
.....aacaguaagGguugaugugcggc.....	1	1	seq
.....aacaguaagagugaugugcUgc.....	1	1	seq
.....aacaguaagagCugaugugcggc.....	1	1	seq
.....aacaguaagaguuAaugugcggc.....	1	1	seq
.....aacaguaagagugaugugcggA.....	1943	1	seq
.....aacaguaGgagugaugugcggc.....	114	1	seq
.....aacaguaagagugaugugcggG.....	87	1	seq
.....aacaguaagagugugaCgugcggc.....	1	1	seq
.....aacaguaagagugaugugcggc.....	712	0	seq
.....aacaguaagagugauguAcggc.....	1	1	seq
.....aacaguaaUaguugaugugcggc.....	1	1	seq
.....aacaguaagagugaugugcggcA.....	151	1	seq
.....aacaguaagagugaugugcggcU.....	58	1	seq
.....aacaguaagagugaugugcggcg.....	11	0	seq
.....aacaguaagagugaugugcggGg.....	2	1	seq
.....aacaguaagagugaugugcggAg.....	8	1	seq
.....aacaguaagagugCgugugcggcg.....	1	1	seq
.....aacaguaagagugaugugcggcC.....	1	1	seq
.....aacaguaagagugaugugcggUg.....	59	1	seq

Mature

Star

Sequence	Count	Value	Category
gcuccgcgccgccccccgaaacaguaagaguuugaugugcggaacgcagccu			
.....aacaguaagaguuugaugugcgcgU.....	4	1	seq
.....aacaguaagaguuugaugugcgcgAa.....	6	1	seq
.....aacaguaagaguuugaugugcgcgUga.....	5	1	seq
.....aacaguaagaguuugaugugcgcgga.....	1	0	seq
.....aacaguaGgaguuugaugugcgcgga.....	4	1	seq
.....aacaguaaGgaguuugaugugcgcgaaU.....	2	1	seq
.....aacaguaGgaguuugaugugcgcggaacg.....	1	1	seq
.....acaguCagaguuugaugug.....	1	1	seq
.....acaguaagaguuugaugug.....	6	0	seq
.....acaguaagaguuAaugugc.....	2	1	seq
.....acaguaagaguuugaugugc.....	34	0	seq
.....acaguaaAauguugaugugc.....	2	1	seq
.....acaguaGgaguuugaugugc.....	1	1	seq
.....acaguaagaguuugauguAc.....	1	1	seq
.....acaguaaagagCugaugugcg.....	1	1	seq
.....acaguaagaguuugaugugUg.....	1	1	seq
.....acaguaGgaguuugaugugcg.....	27	1	seq
.....acaguaaagaguuugaugugcg.....	189	0	seq
.....aGaguaagaguuugaugugcg.....	1	1	seq
.....acGguaaagaguuugaugugcg.....	3	1	seq
.....acaguaaagaguuugaugugAgg.....	1	1	seq
.....acaguaaagaguuugaugugUgg.....	3	1	seq
.....acaguaaagaguuugaugugcGU.....	26	1	seq
.....acaguaaagaguuugaugugcg.....	2051	0	seq
.....acaguaaagaguuugaugugcgA.....	39	1	seq
.....acaguaaagaguuugGugugcg.....	4	1	seq
.....acaguaaagaguuugaugCgcg.....	1	1	seq
.....acaguCagaguuugaugugcg.....	12	1	seq
.....acaguGagaguuugaugugcg.....	6	1	seq
.....Ccaguaaagaguuugaugugcg.....	1	1	seq
.....acaguaaagaguuugaugugcUg.....	1	1	seq
.....acaguaaAauguugaugugcg.....	5	1	seq
.....acaguaaagaguuCgagugcg.....	1	1	seq
.....acaguaaagaguuaguUcgg.....	1	1	seq
.....acaguaaagaguuugaugugcAg.....	1	1	seq
.....acaguaGgaguuugaugugcg.....	238	1	seq
.....acaAuaagaguuugaugugcg.....	1	1	seq
.....Gcaguaaagaguuugaugugcg.....	3	1	seq
.....acaguaUgaguuugaugugcg.....	1	1	seq
.....acaguaaagaguuugaugugGgg.....	1	1	seq
.....acaguUagaguuugaugugcg.....	1	1	seq
.....acaguaaagaguuAaugugcg.....	13	1	seq
.....acaguaGgaguuugaugugcg.....	1	1	seq
.....acaguaaagaguuugaugugcg.....	12	0	seq
.....acaguaaagaguuugaugugcgGU.....	123	1	seq
.....acaguaaagaguuugaugugcgGA.....	7	1	seq
.....acaguaaagaguuugaugugUggc.....	1	1	seq
.....acaguaaagaguuugaugugcgGA.....	4	1	seq
.....acaguaaagaguuugaugugcgGU.....	2	1	seq
.....caguaGgaguuugaugugcg.....	4	1	seq
.....Uaguaaagaguuugaugugcg.....	1	1	seq
.....caguaaagaguuugaugugcg.....	10	0	seq
.....caguaaagaguuAaugugcg.....	2	1	seq
.....caguaaagaguuugaugugcg.....	125	0	seq
.....caguaaagaguuugaugugcgA.....	1	1	seq
.....caguaCgaguuugaugugcg.....	1	1	seq
.....caguaGgaguuugaugugcg.....	17	1	seq
.....caguaaagaguuugaugugcgU.....	6	1	seq
.....aguaaagaguuugaugugcg.....	4	0	seq
.....aguaGgaguuugaugugcg.....	6	1	seq
.....aguaaagaguuugaugugcg.....	65	0	seq
.....Gguaaagaguuugaugugcg.....	1	1	seq
.....aguaGgaguuugaugugcg.....	7	1	seq
.....aguaaagaguuugaugugcgU.....	2	1	seq
.....aguaaagaguuugaugugcgGU.....	5	1	seq
.....guaaagaguuugaugugcgA.....	3	1	seq
.....guaGgaguuugaugugcg.....	9	1	seq
.....guaaagaguuugaugugcg.....	63	0	seq
.....guaagUguugaugugcg.....	1	1	seq
.....guaaagaguuugaugugcgU.....	9	1	seq

Mature

Star

gcuccgcgccccccccgaacaguaagaguugaugugcgcgaaacgcagccu	gcaugugagcuccuacugccg	gggagggcgggcu	gacgggacccccgcg
.....uaagaguugaugugcggU.....	.....ugcaugugagcuccuacugccU.....	.....	.....
.....	.....ugcaugugagcuccuacugccg.....	.....	.....
.....	.....ugcaugugagcuccuUugccg.....	.....	.....
.....	.....ugcaugugagcUcuacugccg.....	.....	.....
.....	.....uUcaugugagcuccuacugccg.....	.....	.....
.....	.....ugcauguAagcuccuacugccg.....	.....	.....
.....	.....ugcaugugagcuccuacugccgU.....	.....	.....
.....	.....ugcaugugagcuccuacugccgc.....	.....	.....
.....	.....Cgcaugugagcuccuacugccgc.....	.....	.....
.....	.....ugcaugugagcuccuacugccgA.....	.....	.....
.....	.....ugcaugugagcuccuacugccgC.....	.....	.....
.....	.....gcaugugagcuccuGcugccg.....	.....	.....
.....	.....gcaugugagcUcuacugccg.....	.....	.....
.....	.....gcaugugagcuccuacugccg.....	.....	.....
.....	.....gcauguAagcuccuacugccgc.....	.....	.....
.....	.....gcaugugagcuccuacugcUgc.....	.....	.....
.....	.....gcaugugagcUcuacugccgc.....	.....	.....
.....	.....gcaugugagcuccuacugccgc.....	.....	.....
.....	.....gcaugugagcUAcuacugccgc.....	.....	.....
.....	.....Ucaugugagcuccuacugccgc.....	.....	.....
.....	.....gcaugugagcCccuacugccgc.....	.....	.....
.....	.....gcaugugagcuccuacugccgU.....	.....	.....
.....	.....gcaugugagcuccuacugccgA.....	.....	.....
.....	.....caugugagcuccuacugccg.....	.....	.....
.....	.....caugugagcuccuacugccgc.....	.....	.....
.....	.....caugugagcuccuacugccgU.....	.....	.....
.....	.....caugugagcuccuacugccgU.....	.....	.....
.....	.....ugugagcuccuacugccgc.....	.....	.....
.....	.....uguAagcuccuacugccgc.....	.....	.....
.....	.....ugugagcuccuacugccgU.....	.....	.....

gga-novel-143

This miRNA was identified in the following samples:

Chicken brain F rep1	YES
Chicken brain F rep2	YES
Chicken brain F rep3	NO
Chicken brain M rep1	YES
Chicken brain M rep2	YES – highest score
Chicken brain M rep3	YES
Chicken heart F rep1	YES
Chicken heart F rep2	YES
Chicken heart F rep3	NO
Chicken heart M rep1	YES
Chicken heart M rep2	YES
Chicken heart M rep3	NO
Chicken liver F rep1	YES
Chicken liver F rep2	NO
Chicken liver F rep3	YES
Chicken liver M rep1	NO
Chicken liver M rep2	NO
Chicken liver M rep3	YES
Chicken ovary F rep1	YES
Chicken ovary F rep2	NO
Chicken ovary F rep3	NO
Chicken testis M rep1	NO
Chicken testis M rep2	YES
Chicken testis M rep3	YES

Mature

Star

```
ccgagucggagagcagcggggcccccaucgauuugcucuacgaacugaugaagcagaagggcaaacccgaugggcaccccauggcucccccacccucagaaaaaucg
.....aagggcaaacccgaugggcacc..... 3 0 seq
.....aagggcaaacccgaugggcaccA..... 3 1 seq
.....aagggcaaacccgaugggcaccUc..... 1 1 seq
```

gga-novel-144

This miRNA was identified in the following samples:

Chicken brain F rep1	NO
Chicken brain F rep2	YES
Chicken brain F rep3	NO
Chicken brain M rep1	YES
Chicken brain M rep2	YES – highest score
Chicken brain M rep3	YES
Chicken heart F rep1	YES
Chicken heart F rep2	YES
Chicken heart F rep3	NO
Chicken heart M rep1	YES
Chicken heart M rep2	YES
Chicken heart M rep3	NO
Chicken liver F rep1	YES
Chicken liver F rep2	NO
Chicken liver F rep3	YES
Chicken liver M rep1	NO
Chicken liver M rep2	NO
Chicken liver M rep3	YES
Chicken ovary F rep1	YES
Chicken ovary F rep2	NO
Chicken ovary F rep3	NO
Chicken testis M rep1	NO
Chicken testis M rep2	YES
Chicken testis M rep3	YES

Mature

Star

ccgagucggagagcagcggggcccccaucgauuugcucuacgaacugaugaagcagaagggcaaacccgaugggcacccauggcccccccaccucagc

.....aagggcaaacccgaugggcacc.....

.....aagggcaaacccgaugggcaccA.....

3

0

seq

3

1

seq

mdo-novel-52

This miRNA was identified in the following samples:

Opossum brain F rep1	NO
Opossum brain F rep2	NO
Opossum brain F rep3	YES
Opossum brain M rep1	NO
Opossum brain M rep2	YES – highest score
Opossum brain M rep3	YES
Opossum heart F rep1	NO
Opossum heart F rep2	NO
Opossum heart F rep3	NO
Opossum heart M rep1	NO
Opossum heart M rep2	NO
Opossum heart M rep3	NO
Opossum liver F rep1	NO
Opossum liver F rep2	NO
Opossum liver F rep3	NO
Opossum liver M rep1	NO
Opossum liver M rep2	YES
Opossum liver M rep3	NO
Opossum ovary F rep1	NO
Opossum ovary F rep2	NO
Opossum ovary F rep3	NO
Opossum testis M rep1	NO
Opossum testis M rep2	NO
Opossum testis M rep3	NO

Mature

Star

uuuaucccucuaagaguaaaugaagggguuagacuagauuuuucagcaagcauuucucagcucuaacugugggaucucuaaguccagcccucuuuuuuagugaaagaac

..... aaugaaggAguuagacuagauu	1	1	seq
..... aaugaagggguuagacuagauA	17	1	seq
..... aaugaagggguuagacuagauG	4	1	seq
..... aaugaagggguuagacuagauu	236	0	seq
..... aaugaagggguuGgacuagauu	5	1	seq
..... aaugaagggguuagaUuagauu	1	1	seq
..... aaugaagggguuagacuagauuA	3	1	seq
..... aaugaagggguuagacuagauua	11	0	seq
..... augUaagggguuagacuag	1	1	seq
..... augaagggguuagacuag	23	0	seq
..... augaagggguuagUcuaga	1	1	seq
..... augaagggguuagacuaga	36	0	seq
..... augaagggguuGgacuagau	4	1	seq
..... augaagggguuagacuagau	99	0	seq
..... auAaagggguuagacuagauu	4	1	seq
..... augaagggguuagacuagauG	9	1	seq
..... augaagggguuagacuagauA	15	1	seq
..... augaagggguuagacuagauu	292	0	seq
..... augaGggguuagacuagauu	2	1	seq
..... augaagggguuagacuagauua	66	0	seq
..... augaagggguuagacuagauuU	7	1	seq
..... auAaagggguuagacuagauua	1	1	seq
..... augaagggguuagacuagauAa	2	1	seq
..... augaagggguuagacuagauuaG	1	1	seq
..... augaagggguuagacuagauuu	19	0	seq
..... augaagggguuagacuagauuaA	4	1	seq
..... augaagggguuagacuagauuauc	6	0	seq
..... .Agaagggguuagacuaga	2	1	seq
..... .ugaagggguuagacuaga	21	0	seq
..... .ugaagggguuagacuagau	37	0	seq
..... .ugaagggguuagGcuagau	1	1	seq
..... .ugaagggguuagacuagaA	8	1	seq
..... .ugaagggguuagacuagauA	29	1	seq
..... .ugaagggguuagacuagauu	293	0	seq
..... .ugaagggguuagacuagauG	3	1	seq
..... .ugaagggguuagacuagauuC	5	1	seq
..... .ugaagggguuagacuagauuU	4	1	seq
..... .ugaagggguuagacuagauAa	2	1	seq
..... .ugaagggguuagacuagauua	77	0	seq
..... .ugaagggguuagacuagauuaG	6	1	seq
..... .ugaagggguuagacuagauuu	126	0	seq
..... .ugaagggguuagacuagauuaA	8	1	seq
..... .ugaagggguuaAacuagauuu	1	1	seq
..... .ugaagggguuagacuagauuuA	3	1	seq
..... .ugaagggguuagacuagauuuU	5	1	seq
..... .ugaagggguuagacuagauuuac	4	0	seq
..... .ugaagggguuagacuagauuuacagc	1	0	seq
..... .gaagggguuagacuGgauu	4	1	seq
..... .gaagggguuagacuagauu	11	0	seq
..... .gaagggguuagacuagauua	13	0	seq
..... .gaagggguuagacuUuuuu	1	1	seq
..... .gaagggguuagacuagauuu	35	0	seq
..... .gaagggguuagacuagauuuac	29	0	seq
..... .gaagggguuagacuagauuuauca	1	0	seq
..... .aagggguuagacuagauu	2	0	seq
..... .aagggguuagacuagauuaA	1	1	seq
..... .aagggguuagacuagauuu	5	0	seq
..... .aagggguuagacuagauuuac	9	0	seq
..... .aagggguuagacuagauuuauca	1	0	seq
..... .aagggguuagacuagauuuacag	3	0	seq
..... .agggguuagacuagauuuauca	13	0	seq
..... .agggguuagacuagauuuacag	7	0	seq
..... .agggguuagacuagauuuacagc	16	0	seq
..... .gggguuagacuagauuuacagc	5	0	seq
..... .ggguuagacuagauuuacagcaag	2	0	seq
..... .ggguuagacuagauuuacagcaagc	6	0	seq
..... .uuagacuagauuuacagcaagc	3	0	seq
..... .ucagcucuaacugugggauc	2	0	seq
..... .cugugggaucuaaguccagcccucuU	1	1	seq
..... .ugugggaucuaaguccagcccucu	7	0	seq

Mature

Star

uuuauucccucuaagaguaaaugaagggguagacuagauuuauagcaagcaagcaauucuuucagcucuaacugugggaucaucuaaguccagcccucuaauuuuuagugaaagaac

.....gugggaucaucuaaguccagcccucu.....	2	0	seq
.....ugggaucauAuaguccagcccucu.....	1	1	seq
.....ugggaucaucuaaguccagcccucu.....	40	0	seq
.....ugCgaucaucuaaguccagcccucu.....	1	1	seq
.....aucaucuaaguccagcccucUu.....	2	1	seq
.....Gucaucuaaguccagcccucucau.....	5	1	seq
.....ucaucuaaguccagcccucu.....	18	0	seq
.....ucaucuaaguccagcccucA.....	1	1	seq
.....ucaucuaaguccagcccucCc.....	2	1	seq
.....ucaucuaaguccagcccucuc.....	57	0	seq
.....ucaucuaaguccagcccucuca.....	51	0	seq
.....ucaucuaaguccagcccucuaA.....	1	1	seq
.....ucaucuaaguccagcccucU.....	16	1	seq
.....ucaucuaaguccagcccucucaG.....	1	1	seq
.....ucaucuaaguccagcccucucaA.....	5	1	seq
.....ucaucuaaguccagcccucucau.....	48	0	seq
.....ucaucuaaguccagcccucucUu.....	11	1	seq
.....ucaucuaaguccagUccucucau.....	2	1	seq
.....ucaucuaaguccagcccucucaC.....	31	1	seq
.....ucaucuaaguccagcccucucauu.....	71	0	seq
.....ucaucuaaguccagcccucucUuu.....	10	1	seq
.....ucaucuaaguccagcccucucauu.....	3	1	seq
.....ucaucuaaguccagcccucucauA.....	5	1	seq
.....uUaucuaaguccagcccucucauu.....	1	1	seq
.....ucaucuaaguccagUcucucauu.....	2	1	seq
.....ucaucuaaguccagcccucucaAu.....	1	1	seq
.....ucaucuaaguccagcccucucaCu.....	28	1	seq
.....ucaucuaaguccagcccucucauAu.....	1	1	seq
.....caucuaaguccagcccucuca.....	3	0	seq
.....caucuaaguccagcccucucau.....	9	0	seq
.....caucuaaguccagUcucucau.....	6	1	seq
.....caucuaagUccagcccucucauu.....	1	1	seq
.....caucuaaguccagcccucucauA.....	1	1	seq
.....Aaucuaaguccagcccucucauu.....	1	1	seq
.....caucuaaguccagcccucucauu.....	54	0	seq
.....caucuaaguccagcccucucaCu.....	1	1	seq
.....caucuaaguccagcccucucUuu.....	8	1	seq
.....caucuaaguccagcccucucauuu.....	5	0	seq
.....aucuaaguccagcccucuca.....	16	0	seq
.....aucuaaguccagcccucua.....	1	1	seq
.....aucuaaguccagcccucucaA.....	3	1	seq
.....aucuaaguccagcccucucau.....	41	0	seq
.....aucuaaguccagcccucuaUau.....	2	1	seq
.....aucuaaguccagcccucucauu.....	28	0	seq
.....aucuaaguccagcccucucauA.....	10	1	seq
.....aucuaaguccagcccucucaCu.....	5	1	seq
.....aucuaaguccagcccucucauuC.....	5	1	seq
.....aucuaaguccagcccucucauuu.....	20	0	seq
.....aucuaaguccagGcucucauuu.....	1	1	seq
.....aucuaaguccagcccucucauuuu.....	15	0	seq
.....aucuaaguccagcccucucauuuC.....	4	1	seq
.....aucuaaguccagcccucucauuuuU.....	6	1	seq
.....ucuaaguccagcccucucau.....	3	0	seq
.....ucuaaguccagcccucucauu.....	2	0	seq
.....ucuaaguccagcccucucGuu.....	1	1	seq
.....ucuaaguccagcccucucauuu.....	20	0	seq
.....ucuaaguccagcccCcucauuuu.....	1	1	seq
.....ucuaaguccagcccucucauuuu.....	35	0	seq
.....ucuaaguccagcccucuauuuu.....	1	1	seq
.....ucuaaguccagcccucucauuuA.....	3	1	seq
.....ucuaaguccagcccucucauuuuU.....	13	1	seq
.....ucuaaguccagcccucucauuuuuA.....	7	0	seq
.....ucuaaguccagcccucucauuuuUu.....	1	1	seq
.....Auaguccagcccucucauuuu.....	1	1	seq
.....cuaguccagcccucucauuuu.....	23	0	seq
.....cuaguccagcccucucauuuuU.....	11	1	seq
.....cuaguccagcccucucauuuuUu.....	1	1	seq
.....uaguccagcccucucauuuu.....	3	0	seq
.....uaguccagcccucucauuuuA.....	1	1	seq
.....uaguccagcccucucauuuuU.....	13	1	seq

mdo-novel-89

This miRNA was identified in the following samples:

Opossum brain F rep1	NO
Opossum brain F rep2	NO
Opossum brain F rep3	NO
Opossum brain M rep1	NO
Opossum brain M rep2	NO
Opossum brain M rep3	NO
Opossum heart F rep1	NO
Opossum heart F rep2	NO
Opossum heart F rep3	NO
Opossum heart M rep1	NO
Opossum heart M rep2	NO
Opossum heart M rep3	NO
Opossum liver F rep1	NO
Opossum liver F rep2	NO
Opossum liver F rep3	NO
Opossum liver M rep1	NO
Opossum liver M rep2	NO
Opossum liver M rep3	NO
Opossum ovary F rep1	YES
Opossum ovary F rep2	YES – highest score
Opossum ovary F rep3	YES
Opossum testis M rep1	NO
Opossum testis M rep2	NO
Opossum testis M rep3	NO

Mature

Star

cuauuguucuaggguaacacucccugugugcucuucucuuuuaggguugugcaaacuuuaggaaacuggaaccagguuuguguggaugggacaauccagcuggcugu			
.....ucccugugugcucuucucuCuagggug.....	1	1	seq
.....ucccugugugcucuucucuuuuaggguug.....	115	0	seq
.....ucccugugugcCcuucucuuuuaggguug.....	1	1	seq
.....cccugugugcucuucucuuu.....	11	0	seq
.....cccugugugcucuucucuuuu.....	1	0	seq
.....cccugugugcucuucucuuuuagg.....	1	0	seq
.....cccugugugcucuucucuuuuaggguug.....	2	0	seq
.....cccugugugcucuucucuuuuaggguugu.....	1	0	seq
.....uaggaaacuggaaccagguuugugug.....	2	0	seq
.....uaggaaacuggaaccagguuugugug.....	8	0	seq
.....uggaaccagguuuguguggaugg.....	3	0	seq
.....uggaaccagguuuguguggauggga.....	8	0	seq
.....uuuguguggaugggacaauccagcugg.....	5	0	seq
.....uuguguggaugggacaauccagcuggc.....	3	0	seq
.....uguggaugggacaauccagcugg.....	3	0	seq

mdo-novel-112

This miRNA was identified in the following samples:

Opossum brain F rep1	YES	
Opossum brain F rep2	YES	
Opossum brain F rep3	YES	
Opossum brain M rep1	YES	
Opossum brain M rep2	YES	
Opossum brain M rep3	YES	
Opossum heart F rep1	YES	– highest score
Opossum heart F rep2	NO	
Opossum heart F rep3	NO	
Opossum heart M rep1	YES	
Opossum heart M rep2	YES	
Opossum heart M rep3	YES	
Opossum liver F rep1	YES	
Opossum liver F rep2	NO	
Opossum liver F rep3	NO	
Opossum liver M rep1	NO	
Opossum liver M rep2	YES	
Opossum liver M rep3	YES	
Opossum ovary F rep1	YES	
Opossum ovary F rep2	YES	
Opossum ovary F rep3	YES	
Opossum testis M rep1	YES	
Opossum testis M rep2	YES	
Opossum testis M rep3	YES	

