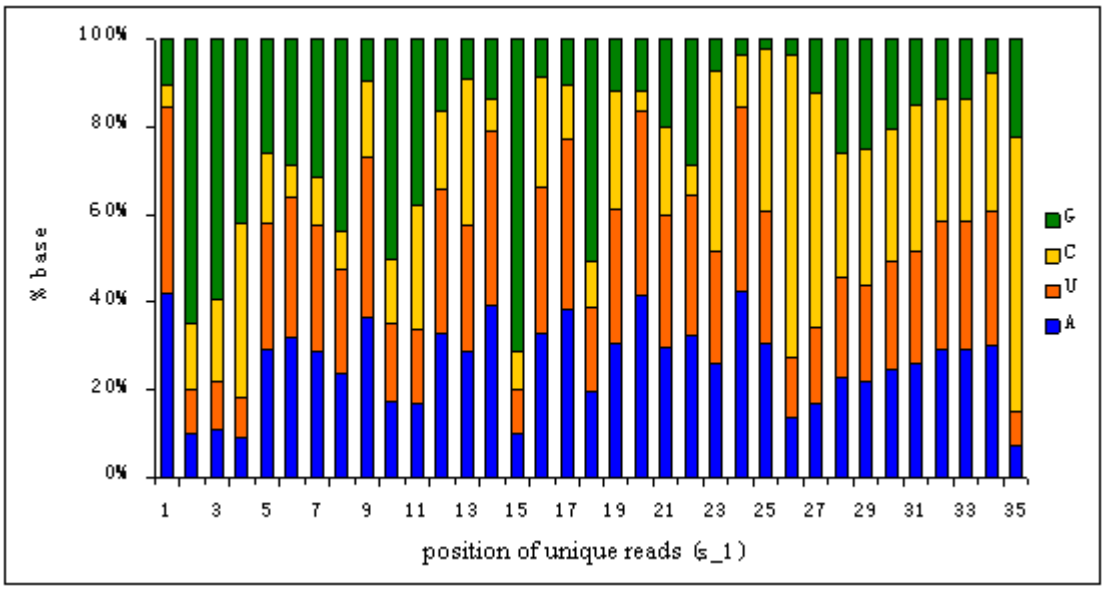

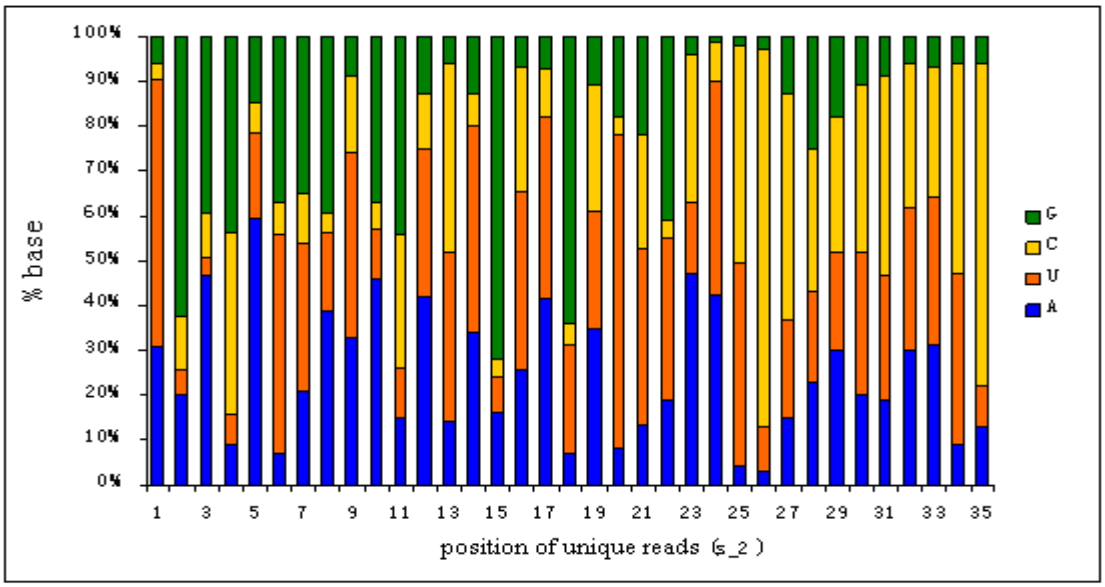

Appendix A The base composition bias analysis of the two samples

Appendix B Potential duck miRNAs similar to known miRNAs

age-miR-23a	dre-miR-181c	gga-miR-10a	gga-miR-15a	gga-miR-200b	gga-miR-30e	oan-miR-1388*
ame-let-7	dre-miR-210	gga-miR-10a*	gga-miR-15b	gga-miR-205b	gga-miR-33	osa-miR162b
ame-miR-125	dre-miR-210*	gga-miR-10b	gga-miR-15c	gga-miR-20b	gga-miR-34b	pma-miR-128
api-miR-100	dre-miR-27b	gga-miR-125b	gga-miR-16	gga-miR-21	gga-miR-34c	pma-miR-29a
bfl-miR-183	dre-miR-363	gga-miR-126	gga-miR-1692	gga-miR-22	gga-miR-429	spu-miR-10
bmo-miR-2779	eca-miR-196b	gga-miR-126*	gga-miR-16c	gga-miR-221	gga-miR-451	tca-let-7-5p
bta-miR-140	gga-let-7a	gga-miR-128	gga-miR-17-3p	gga-miR-222	gga-miR-455-3p	tgu-miR-425-5p
bta-miR-191	gga-let-7b	gga-miR-130a	gga-miR-17-5p	gga-miR-23b	gga-miR-456	tgu-miR-460b
bta-miR-200a	gga-let-7c	gga-miR-130b	gga-miR-1788-3p	gga-miR-24	gga-miR-460b-3p	xtr-miR-106
bta-miR-2476	gga-let-7f	gga-miR-130c	gga-miR-181a	gga-miR-26a	gga-miR-460b-5p	
bta-miR-2892	gga-let-7g	gga-miR-135a	gga-miR-181b	gga-miR-27b	gga-miR-9	
cbr-miR-72	gga-let-7i	gga-miR-138	gga-miR-187	gga-miR-2954	gga-miR-99a	
cin-miR-199-3p	gga-let-7j	gga-miR-140	gga-miR-193a	gga-miR-2964	ggo-miR-143	
cte-miR-31	gga-let-7k	gga-miR-140*	gga-miR-196	gga-miR-29a	hsa-miR-143*	
dre-miR-126a	gga-miR-100	gga-miR-142-3p	gga-miR-199	gga-miR-29b	hsa-miR-145*	
dre-miR-130b	gga-miR-101	gga-miR-142-5p	gga-miR-199*	gga-miR-29c	mdo-let-7d	
dre-miR-1388	gga-miR-103	gga-miR-146a	gga-miR-19b	gga-miR-301b-3p	mmu-miR-101c	
dre-miR-141	gga-miR-103	gga-miR-146b	gga-miR-1a	gga-miR-30a-3p	mmu-miR-1957	
dre-miR-145	gga-miR-106	gga-miR-146c	gga-miR-1b	gga-miR-30a-5p	mmu-miR-5115	
dre-miR-16b	gga-miR-107	gga-miR-148a	gga-miR-200a	gga-miR-30d	oan-miR-1329	

Appendix C The expression information of 55 significantly differentially expressed miRNAs

miRNA	s1 reads	s2 reads	s1 tpm	s2 tpm	s1 tpm / s2 tpm
hsa-miR-143*	101	4	32.1	0.7	45.9
gga-miR-2954	65	10	20.6	1.7	12.1
gga-miR-15a	56	10	17.8	1.7	10.5
bta-miR-191	676	122	214.7	20.7	10.4
gga-miR-130c	63	12	20	2	10
gga-miR-125b	438	87	139.1	14.7	9.5
gga-miR-16	180	36	57.2	6.1	9.4
gga-miR-16c	85	17	27	2.9	9.3
gga-miR-200b	27	6	8.6	1	8.6
gga-miR-101	1775	419	563.7	71	7.9
gga-miR-140*	623	149	197.9	25.2	7.8
gga-miR-33	26	7	8.3	1.2	6.9
gga-miR-10a	1981	549	629.1	93	6.8
gga-miR-107	98	29	31.1	4.9	6.3
dre-miR-130b	17	6	5.4	1	5.4
dre-miR-145	297	106	94.3	18	5.2
gga-miR-29a	283	105	89.9	17.8	5.1
gga-miR-29c	276	103	87.7	17.4	5.0
gga-miR-99a	147	56	46.7	9.5	4.9
bta-miR-140	91	35	28.9	5.9	4.9
gga-miR-128	41	16	13	2.7	4.8
gga-miR-34b	31	13	9.8	2.2	4.5
hsa-miR-145*	11	5	3.5	0.8	4.4
gga-miR-22	95	42	30.2	7.1	4.3
gga-miR-103	264	119	83.8	20.2	4.1
tgu-miR-425-5p	9	4	2.9	0.7	4.1
gga-miR-29b	57	26	18.1	4.4	4.1
gga-miR-34c	28	13	8.9	2.2	4
gga-miR-205b	10	5	3.2	0.8	4
gga-miR-146a	18	9	5.7	1.5	3.8
gga-miR-100	352	189	111.8	32	3.5
gga-miR-23b	142	77	45.1	13	3.5
gga-miR-135a	16	9	5.1	1.5	3.4
age-miR-23a	197	113	62.6	19.1	3.3
gga-miR-460b-5p	10	6	3.2	1	3.2
gga-miR-130b	12	7	3.8	1.2	3.2
gga-miR-451	8	5	2.5	0.8	3.1
gga-miR-199*	217	131	68.9	22.2	3.1
gga-miR-200a	1272	810	404	137.2	2.9
gga-miR-146b	65	44	20.6	7.5	2.7

gga-miR-148a	3573	2723	1134.7	461.3	2.5
gga-miR-17-5p	16	13	5.1	2.2	2.3
cte-miR-31	17	14	5.4	2.4	2.3
gga-miR-30a-3p	7	6	2.2	1	2.2
dre-miR-363	32	28	10.2	4.7	2.2
gga-miR-142-5p	13	11	4.1	1.9	2.1
cbr-miR-72	15	14	4.8	2.4	2
gga-miR-21	2449	3646	777.8	617.6	1.3
mmu-miR-101c	1999	5291	634.9	896.3	0.7
tca-let-7-5p	15	71	4.8	12	0.4
gga-let-7k	17	80	5.4	13.6	0.4
ame-let-7	10	64	3.2	10.8	0.3
dre-miR-126a	8	64	2.5	10.8	0.2
gga-miR-1b	143	1478	45.4	250.4	0.2
gga-miR-1a	4	44	1.3	7.5	0.2

S1, non-laying ovary sample; S2, laying ovary sample; s1 tpm and s2 tpm are the tags per million reads (tpm) present the normalized expression level.