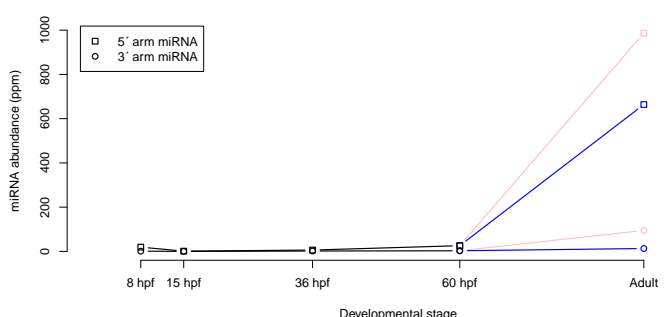
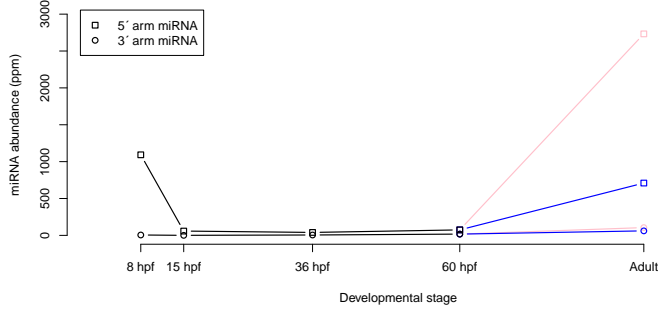
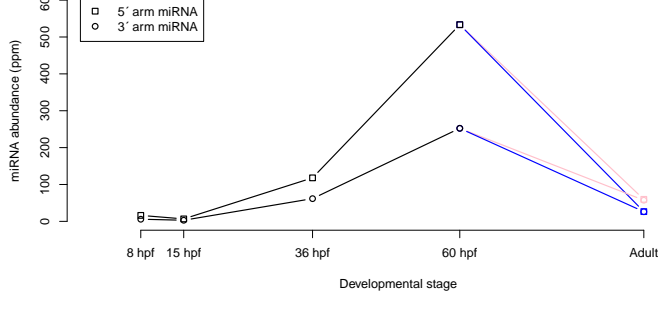
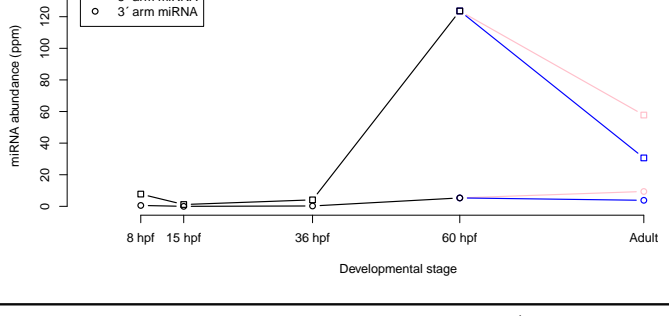


Pre-miRNA	miRNA sequences	Abundance profile in development																		
bfl-mir-71 ortholog at Sc0000005 bp 2992213- 2992115 (- strand)	5' arm: UGAAAGACAUGGGUAGUGAGAU 3' arm: CCCAUUCCCUGUCUUUCAAC	<table border="1"> <caption>Abundance profile for bfl-mir-71</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>22</td> <td>4</td> </tr> <tr> <td>15 hpf</td> <td>1</td> <td>1</td> </tr> <tr> <td>36 hpf</td> <td>15</td> <td>2</td> </tr> <tr> <td>60 hpf</td> <td>21</td> <td>12</td> </tr> <tr> <td>Adult</td> <td>27</td> <td>1</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	22	4	15 hpf	1	1	36 hpf	15	2	60 hpf	21	12	Adult	27	1
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	22	4																		
15 hpf	1	1																		
36 hpf	15	2																		
60 hpf	21	12																		
Adult	27	1																		
bfl-mir-4856b ortholog at Sc0000022 bp 2102339- 2102425 (+ strand)	5' arm: UCGCAUUGACGUCAGCGCCGUU 3' arm: (low abundance)	<table border="1"> <caption>Abundance profile for bfl-mir-4856b</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>15 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>36 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>60 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>Adult</td> <td>25</td> <td>230</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	0	0	15 hpf	0	0	36 hpf	0	0	60 hpf	0	0	Adult	25	230
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	0	0																		
15 hpf	0	0																		
36 hpf	0	0																		
60 hpf	0	0																		
Adult	25	230																		
bfl-mir-4876 ortholog at Sc0000005 bp 2219860- 2219951 (+ strand)	5' arm: (low abundance) 3' arm: CUUACGUGCCACGUGAGGACUCU	<table border="1"> <caption>Abundance profile for bfl-mir-4876</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>15 hpf</td> <td>0</td> <td>20</td> </tr> <tr> <td>36 hpf</td> <td>0</td> <td>250</td> </tr> <tr> <td>60 hpf</td> <td>0</td> <td>950</td> </tr> <tr> <td>Adult</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	0	0	15 hpf	0	20	36 hpf	0	250	60 hpf	0	950	Adult	0	0
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	0	0																		
15 hpf	0	20																		
36 hpf	0	250																		
60 hpf	0	950																		
Adult	0	0																		
bfl-mir-10c ortholog at Sc0000000 bp 2027699- 2027621 (- strand)	5' arm: UACCCUGUAGAUCGGACUUGUGA 3' arm: (low abundance)	<table border="1"> <caption>Abundance profile for bfl-mir-10c</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>15 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>36 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>60 hpf</td> <td>0</td> <td>0</td> </tr> <tr> <td>Adult</td> <td>1500</td> <td>5000</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	0	0	15 hpf	0	0	36 hpf	0	0	60 hpf	0	0	Adult	1500	5000
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	0	0																		
15 hpf	0	0																		
36 hpf	0	0																		
60 hpf	0	0																		
Adult	1500	5000																		

(continued on next page)

Pre-miRNA	miRNA sequences	Abundance profile in development
bfl-mir-4869 ortholog at Sc0000022 bp 2099003- 2099080 (+ strand)	5' arm: ACGAUGUUGACUCCGCUCCUCU 3' arm: GGGACCUGUAGUCAACACGAGA	
bbe-mir-125a ortholog at Sc0000265 bp 98448-98548 (+ strand)	5' arm: UCCUGAGACCCUAACUUGUGA 3' arm: ACAGGUUAGGAUCUUGGGAGCU	
bbe-mir-4874 ortholog at Sc0000043 bp 1147175- 1147086 (- strand)	5' arm: AGUUUGUAGCAUCCAGCUGAGCU 3' arm: CUGGCUGGUUGGUGCAAACAGG	
bbe-mir-281 ortholog at Sc0000000 bp 9083742- 9083658 (- strand)	5' arm: AGGAGAGCCGUUCUGUGACUGU 3' arm: (low abundance)	

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Pre-miRNA	miRNA sequences	Abundance profile in development																		
<p>bbe-mir-92a-2 ortholog at Sc0000007 bp 4735603- 4735697 (+ strand)</p>	<p>5' arm: AGGCCAGGAUUGGUGGCAAUGCC</p> <p>3' arm: UAUUGCACUUGUCCCGCCUUU</p>	<table border="1"> <caption>Abundance profile for bbe-mir-92a-2</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~10</td> <td>~650</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~100</td> </tr> <tr> <td>36 hpf</td> <td>~10</td> <td>~200</td> </tr> <tr> <td>60 hpf</td> <td>~10</td> <td>~400</td> </tr> <tr> <td>Adult</td> <td>~10</td> <td>~250</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~10	~650	15 hpf	~10	~100	36 hpf	~10	~200	60 hpf	~10	~400	Adult	~10	~250
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~10	~650																		
15 hpf	~10	~100																		
36 hpf	~10	~200																		
60 hpf	~10	~400																		
Adult	~10	~250																		
<p>bbe-mir-2056 ortholog at Sc0000086 bp 322130-322049 (- strand)</p>	<p>5' arm: CAGGUAUGUCUGCGGUGAGGCU</p> <p>3' arm: UUUCACUGUAGAUCUACCUGCG</p>	<table border="1"> <caption>Abundance profile for bbe-mir-2056</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~1000</td> <td>~1000</td> </tr> <tr> <td>15 hpf</td> <td>~1000</td> <td>~1000</td> </tr> <tr> <td>36 hpf</td> <td>~1000</td> <td>~2000</td> </tr> <tr> <td>60 hpf</td> <td>~1000</td> <td>~25000</td> </tr> <tr> <td>Adult</td> <td>~1000</td> <td>~1000</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~1000	~1000	15 hpf	~1000	~1000	36 hpf	~1000	~2000	60 hpf	~1000	~25000	Adult	~1000	~1000
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~1000	~1000																		
15 hpf	~1000	~1000																		
36 hpf	~1000	~2000																		
60 hpf	~1000	~25000																		
Adult	~1000	~1000																		
<p>bbe-mir-4880 ortholog at Sc0000057 bp 1180856- 1180942 (+ strand)</p>	<p>5' arm: UUUGCUAUUCGAUGACCAGUGG</p> <p>3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bbe-mir-4880</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>15 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>36 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>60 hpf</td> <td>~50</td> <td>~10</td> </tr> <tr> <td>Adult</td> <td>~1</td> <td>~1</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~1	~1	15 hpf	~1	~1	36 hpf	~10	~5	60 hpf	~50	~10	Adult	~1	~1
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~1	~1																		
15 hpf	~1	~1																		
36 hpf	~10	~5																		
60 hpf	~50	~10																		
Adult	~1	~1																		
<p>bbe-mir-31 ortholog at Sc0000399 bp 174399-174498 (+ strand)</p>	<p>5' arm: UGGCAAGAUGUUGGCAUAGCUG</p> <p>3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bbe-mir-31</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~10</td> <td>~10</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~10</td> </tr> <tr> <td>36 hpf</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>60 hpf</td> <td>~300</td> <td>~300</td> </tr> <tr> <td>Adult</td> <td>~900</td> <td>~250</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~10	~10	15 hpf	~10	~10	36 hpf	~100	~100	60 hpf	~300	~300	Adult	~900	~250
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~10	~10																		
15 hpf	~10	~10																		
36 hpf	~100	~100																		
60 hpf	~300	~300																		
Adult	~900	~250																		

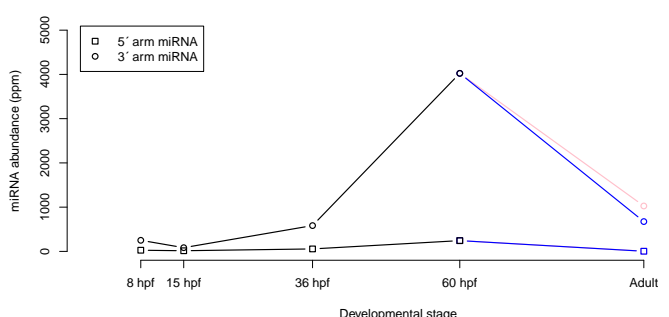
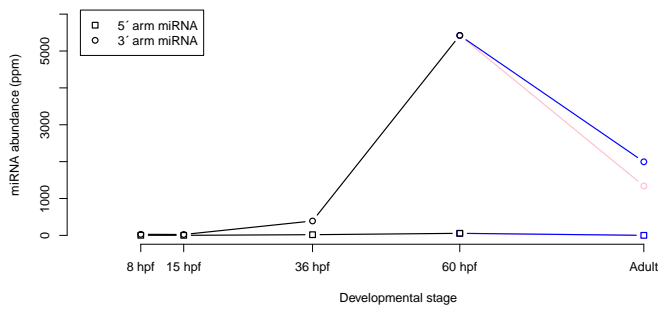
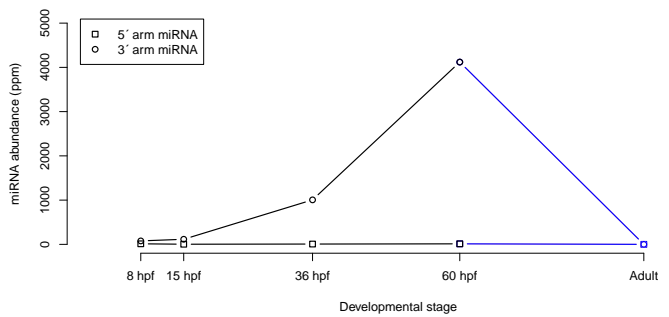
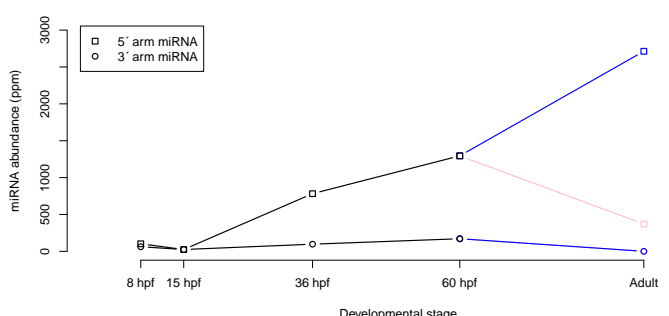
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Pre-miRNA	miRNA sequences	Abundance profile in development																		
<p>bfl-mir-200b ortholog at Sc0000010 bp 3877902- 3877999 (+ strand)</p>	<p>5' arm: (low abundance)</p> <p>3' arm: UAAUACUGUCUGGUA AUGAUGU</p>	<table border="1"> <caption>Abundance profile for bfl-mir-200b</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~1</td> <td>~10</td> </tr> <tr> <td>15 hpf</td> <td>~0.5</td> <td>~0.5</td> </tr> <tr> <td>36 hpf</td> <td>~0.5</td> <td>~7</td> </tr> <tr> <td>60 hpf</td> <td>~0.5</td> <td>~30</td> </tr> <tr> <td>Adult</td> <td>~0.5</td> <td>~10</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~1	~10	15 hpf	~0.5	~0.5	36 hpf	~0.5	~7	60 hpf	~0.5	~30	Adult	~0.5	~10
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~1	~10																		
15 hpf	~0.5	~0.5																		
36 hpf	~0.5	~7																		
60 hpf	~0.5	~30																		
Adult	~0.5	~10																		
<p>bfl-mir-2071 ortholog at Sc0000288 bp 188813-188893 (+ strand)</p>	<p>5' arm: AUGC GGUGCGGUGGUAGCAACCG</p> <p>3' arm: AUUGUACACCGCGCCGCAAAG</p>	<table border="1"> <caption>Abundance profile for bfl-mir-2071</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~0</td> <td>~0</td> </tr> <tr> <td>15 hpf</td> <td>~0</td> <td>~0</td> </tr> <tr> <td>36 hpf</td> <td>~0</td> <td>~0</td> </tr> <tr> <td>60 hpf</td> <td>~0</td> <td>~0</td> </tr> <tr> <td>Adult</td> <td>~0</td> <td>~1700</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~0	~0	15 hpf	~0	~0	36 hpf	~0	~0	60 hpf	~0	~0	Adult	~0	~1700
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~0	~0																		
15 hpf	~0	~0																		
36 hpf	~0	~0																		
60 hpf	~0	~0																		
Adult	~0	~1700																		
<p>bfl-mir-4865 ortholog at Sc0000063 bp 315717-315798 (+ strand)</p>	<p>5' arm: (low abundance)</p> <p>3' arm: UGUAGAGAGAGUGACAGGUUGU</p>	<table border="1"> <caption>Abundance profile for bfl-mir-4865</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~0</td> <td>~10</td> </tr> <tr> <td>15 hpf</td> <td>~0</td> <td>~0</td> </tr> <tr> <td>36 hpf</td> <td>~0</td> <td>~30</td> </tr> <tr> <td>60 hpf</td> <td>~0</td> <td>~270</td> </tr> <tr> <td>Adult</td> <td>~0</td> <td>~60</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~0	~10	15 hpf	~0	~0	36 hpf	~0	~30	60 hpf	~0	~270	Adult	~0	~60
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~0	~10																		
15 hpf	~0	~0																		
36 hpf	~0	~30																		
60 hpf	~0	~270																		
Adult	~0	~60																		
<p>bbe-mir-200c ortholog at Sc0000010 bp 3875272- 3875359 (+ strand)</p>	<p>5' arm: (low abundance)</p> <p>3' arm: UAACACUGUCUGGUA AUGAUG</p>	<table border="1"> <caption>Abundance profile for bbe-mir-200c</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~0</td> <td>~300</td> </tr> <tr> <td>15 hpf</td> <td>~0</td> <td>~50</td> </tr> <tr> <td>36 hpf</td> <td>~0</td> <td>~200</td> </tr> <tr> <td>60 hpf</td> <td>~0</td> <td>~900</td> </tr> <tr> <td>Adult</td> <td>~0</td> <td>~500</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~0	~300	15 hpf	~0	~50	36 hpf	~0	~200	60 hpf	~0	~900	Adult	~0	~500
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~0	~300																		
15 hpf	~0	~50																		
36 hpf	~0	~200																		
60 hpf	~0	~900																		
Adult	~0	~500																		

(continued on next page)

Pre-miRNA	miRNA sequences	Abundance profile in development																		
<p>bfl-mir-29a ortholog at Sc0000043 bp 1849481- 1849575 (+ strand)</p>	<p>5' arm: GCUGAAUUUCAGUUGGUGCUAGA 3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bfl-mir-29a</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~20</td> <td>~10</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>36 hpf</td> <td>~20</td> <td>~10</td> </tr> <tr> <td>60 hpf</td> <td>~300</td> <td>~300</td> </tr> <tr> <td>Adult</td> <td>~50</td> <td>~10</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~20	~10	15 hpf	~10	~5	36 hpf	~20	~10	60 hpf	~300	~300	Adult	~50	~10
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~20	~10																		
15 hpf	~10	~5																		
36 hpf	~20	~10																		
60 hpf	~300	~300																		
Adult	~50	~10																		
<p>bbe-mir-2058 ortholog at Sc0000110 bp 921627-921549 (- strand)</p>	<p>5' arm: UGAGAAGUAAGACUACCAUCCCGU 3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bbe-mir-2058</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>36 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>60 hpf</td> <td>~10</td> <td>~5</td> </tr> <tr> <td>Adult</td> <td>~700</td> <td>~150</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~10	~5	15 hpf	~10	~5	36 hpf	~10	~5	60 hpf	~10	~5	Adult	~700	~150
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~10	~5																		
15 hpf	~10	~5																		
36 hpf	~10	~5																		
60 hpf	~10	~5																		
Adult	~700	~150																		
<p>bfl-let-7a-2 ortholog at Sc0000265 bp 98758-98852 (+ strand)</p>	<p>5' arm: UGAGGUAGUAGGUUGUAUAGUU 3' arm: CUGUGCAACCUGCUAGCUCUCC</p>	<table border="1"> <caption>Abundance profile for bfl-let-7a-2</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~100</td> <td>~50</td> </tr> <tr> <td>15 hpf</td> <td>~50</td> <td>~20</td> </tr> <tr> <td>36 hpf</td> <td>~100</td> <td>~50</td> </tr> <tr> <td>60 hpf</td> <td>~100</td> <td>~50</td> </tr> <tr> <td>Adult</td> <td>~2500</td> <td>~1500</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~100	~50	15 hpf	~50	~20	36 hpf	~100	~50	60 hpf	~100	~50	Adult	~2500	~1500
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
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60 hpf	~100	~50																		
Adult	~2500	~1500																		
<p>bfl-mir-200c ortholog at Sc0000010 bp 3875267- 3875358 (+ strand)</p>	<p>5' arm: (low abundance) 3' arm: UAACACUGUCUGGUAUAUGAUG</p>	<table border="1"> <caption>Abundance profile for bfl-mir-200c</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~10</td> <td>~250</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~50</td> </tr> <tr> <td>36 hpf</td> <td>~10</td> <td>~150</td> </tr> <tr> <td>60 hpf</td> <td>~10</td> <td>~800</td> </tr> <tr> <td>Adult</td> <td>~10</td> <td>~450</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~10	~250	15 hpf	~10	~50	36 hpf	~10	~150	60 hpf	~10	~800	Adult	~10	~450
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~10	~250																		
15 hpf	~10	~50																		
36 hpf	~10	~150																		
60 hpf	~10	~800																		
Adult	~10	~450																		

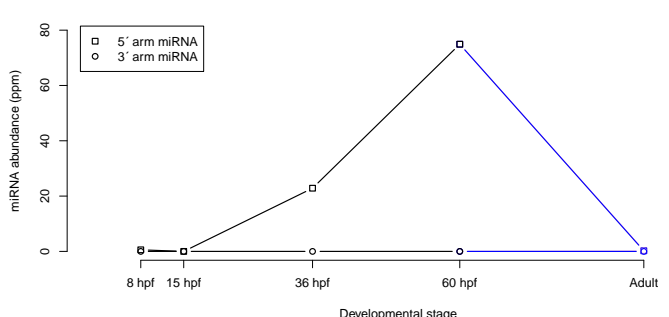
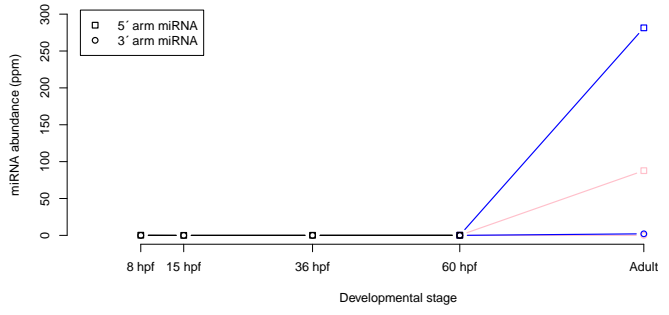
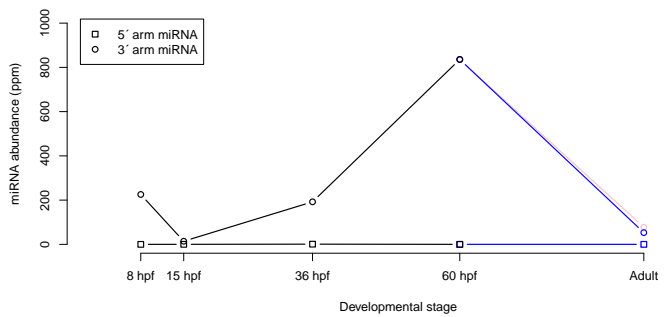
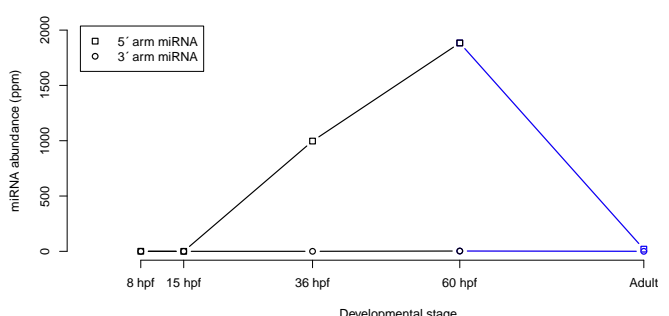
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Pre-miRNA	miRNA sequences	Abundance profile in development
bfl-mir-4860 ortholog at Sc0000063 bp 316331-316404 (+ strand)	5' arm: UGCCUGUCAACGUCUCUGUACA 3' arm: UGUAGAGAUUGUGUGACGGGUAGU	
bfl-mir-4864 ortholog at Sc0000184 bp 79034-79113 (+ strand)	5' arm: AGGGAGAUCGUCUCGGGCAUACA 3' arm: UAGCCAGACCUGAUCUCCUGC	
bfl-mir-4861 ortholog at Sc0000005 bp 3994270- 3994362 (+ strand)	5' arm: AGCCAAUGCGGCAUGUAAAAGGC 3' arm: UUUACGUGCCACAUUGUCUCCU	
bfl-mir-2062 ortholog at Sc0000099 bp 755622-755703 (+ strand)	5' arm: UGCAACAAUUAUUUCAUCAGUGG 3' arm: ACUGGUGAAAUGUAGUUGCGUA	

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Pre-miRNA	miRNA sequences	Abundance profile in development																		
<p>bbe-mir-4859 ortholog at Sc0000221 bp 303532-303447 (- strand)</p>	<p>5' arm: AGCAGCGAGCAUUACGGUCAUU</p> <p>3' arm: UGACAGUAAUGCCCGCUGACUU</p>	<table border="1"> <caption>Abundance profile for bbe-mir-4859</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~40</td> <td>~30</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~10</td> </tr> <tr> <td>36 hpf</td> <td>~55</td> <td>~85</td> </tr> <tr> <td>60 hpf</td> <td>~60</td> <td>~165</td> </tr> <tr> <td>Adult</td> <td>~10</td> <td>~25</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~40	~30	15 hpf	~10	~10	36 hpf	~55	~85	60 hpf	~60	~165	Adult	~10	~25
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~40	~30																		
15 hpf	~10	~10																		
36 hpf	~55	~85																		
60 hpf	~60	~165																		
Adult	~10	~25																		
<p>bfl-mir-4871 ortholog at Sc0000001 bp 4527403- 4527475 (+ strand)</p>	<p>5' arm: UCUGAAGUACCUGUUGCCAAAGG</p> <p>3' arm: UUUGGCACUGGUACUUUGGAGU</p>	<table border="1"> <caption>Abundance profile for bfl-mir-4871</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~5000</td> <td>~15000</td> </tr> <tr> <td>15 hpf</td> <td>~5000</td> <td>~10000</td> </tr> <tr> <td>36 hpf</td> <td>~5000</td> <td>~35000</td> </tr> <tr> <td>60 hpf</td> <td>~5000</td> <td>~110000</td> </tr> <tr> <td>Adult</td> <td>~5000</td> <td>~40000</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~5000	~15000	15 hpf	~5000	~10000	36 hpf	~5000	~35000	60 hpf	~5000	~110000	Adult	~5000	~40000
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8 hpf	~5000	~15000																		
15 hpf	~5000	~10000																		
36 hpf	~5000	~35000																		
60 hpf	~5000	~110000																		
Adult	~5000	~40000																		
<p>bbe-mir-100 ortholog at Sc0000265 bp 96682-96781 (+ strand)</p>	<p>5' arm: AACCCGUGAUAUCCGAACUUGUGU</p> <p>3' arm: CAAGCUCGUGUCUAUGGGUCU</p>	<table border="1"> <caption>Abundance profile for bbe-mir-100</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~1800</td> <td>~100</td> </tr> <tr> <td>15 hpf</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>36 hpf</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>60 hpf</td> <td>~200</td> <td>~200</td> </tr> <tr> <td>Adult</td> <td>~200</td> <td>~2300</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~1800	~100	15 hpf	~100	~100	36 hpf	~100	~100	60 hpf	~200	~200	Adult	~200	~2300
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
8 hpf	~1800	~100																		
15 hpf	~100	~100																		
36 hpf	~100	~100																		
60 hpf	~200	~200																		
Adult	~200	~2300																		
<p>bbe-mir-22 ortholog at Sc0000015 bp 676722-676797 (+ strand)</p>	<p>5' arm: AGCUCUUCACUCGGUAGCUCUG</p> <p>3' arm: AAGCUGCCAGAUGAAGAGCUGU</p>	<table border="1"> <caption>Abundance profile for bbe-mir-22</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>15 hpf</td> <td>~100</td> <td>~100</td> </tr> <tr> <td>36 hpf</td> <td>~100</td> <td>~1000</td> </tr> <tr> <td>60 hpf</td> <td>~100</td> <td>~4200</td> </tr> <tr> <td>Adult</td> <td>~100</td> <td>~1500</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~100	~100	15 hpf	~100	~100	36 hpf	~100	~1000	60 hpf	~100	~4200	Adult	~100	~1500
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
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36 hpf	~100	~1000																		
60 hpf	~100	~4200																		
Adult	~100	~1500																		

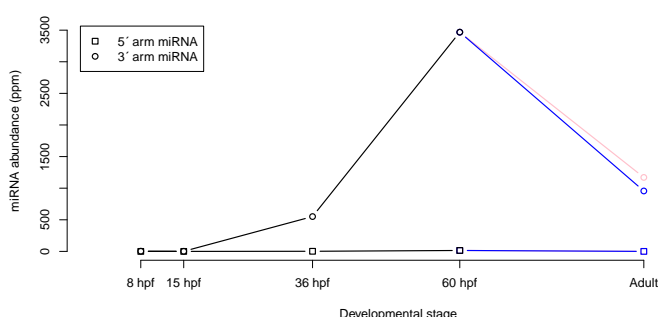
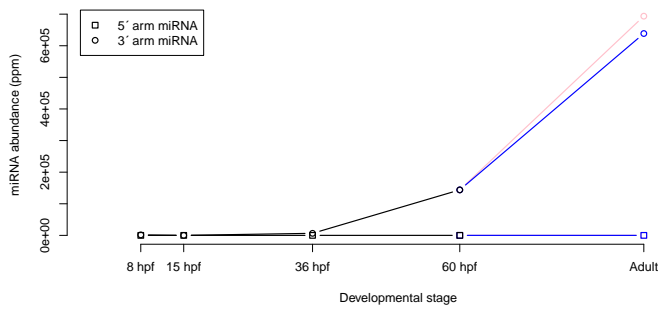
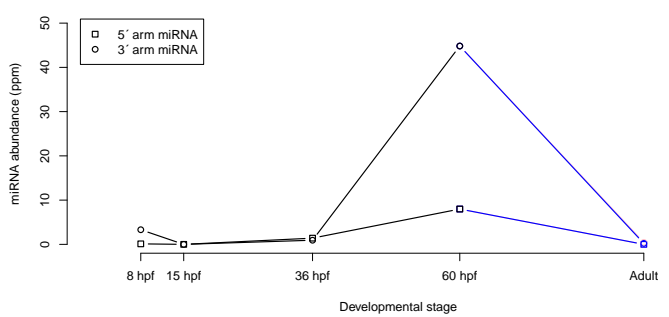
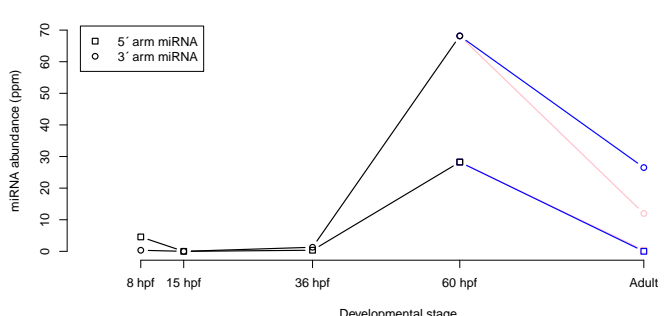
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Pre-miRNA	miRNA sequences	Abundance profile in development
bfl-mir-190 ortholog at Sc0000166 bp 638463-638558 (+ strand)	5' arm: UGAUAUGUUUGAUUUUGGUUG 3' arm: (low abundance)	
bbe-mir-2057 ortholog at Sc0000110 bp 922600-922519 (- strand)	5' arm: UGAGAAGUUAGCCAACCAUCCGG 3' arm: (low abundance)	
bbe-mir-2061 ortholog at Sc0000005 bp 2547710- 2547629 (- strand)	5' arm: (low abundance) 3' arm: UUGCAUAGGUACAUUGGUCAGU	
bfl-mir-124 ortholog at Sc0000076 bp 963692-963792 (+ strand)	5' arm: AGUGUUCACGGCGGUCCUAAU 3' arm: (low abundance)	

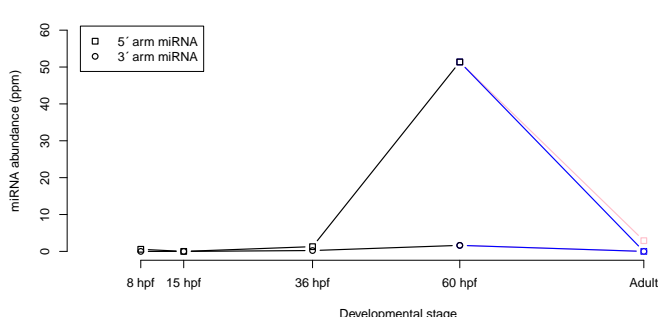
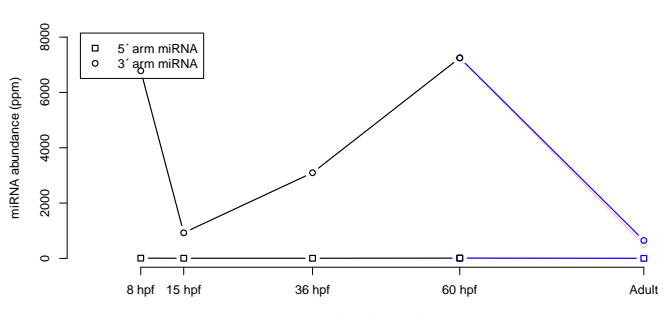
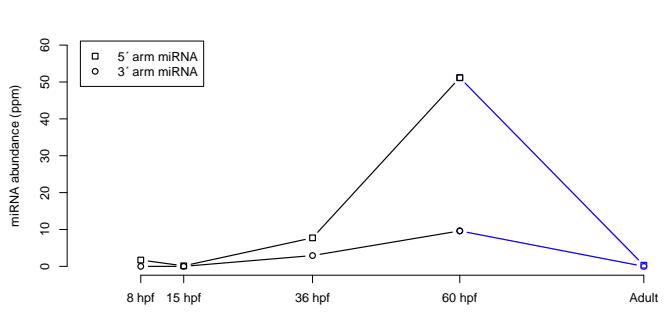
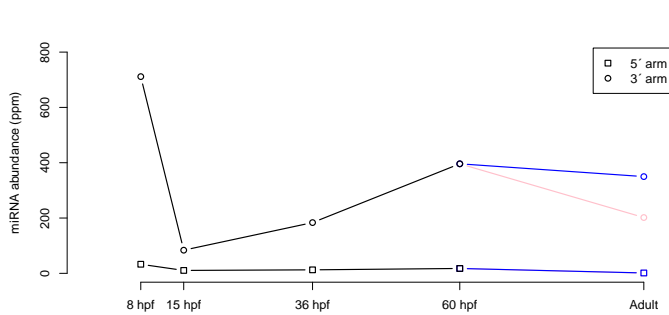
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Pre-miRNA	miRNA sequences	Abundance profile in development
<p>bfl-mir-4873 ortholog at Sc0000015 bp 1919187- 1919110 (- strand)</p>	<p>5' arm: UGUUCCACCUUCUGAUGUUGUU</p> <p>3' arm: (low abundance)</p>	
<p>bfl-mir-4891 ortholog at Sc0000002 bp 2469330- 2469421 (+ strand)</p>	<p>5' arm: (low abundance)</p> <p>3' arm: CGUACCAGGACGCUCGUCUGCC</p>	
<p>bfl-mir-2070 ortholog at Sc0000079 bp 1008448- 1008530 (+ strand)</p>	<p>5' arm: UUUCCACAGCCUCUACACAUGU</p> <p>3' arm: AUGUGCAUAAGCUGUGGGAGCA</p>	
<p>bfl-mir-2076 ortholog at Sc0000004 bp 4642959- 4643036 (+ strand)</p>	<p>5' arm: AAUUGCACUAGAGUGAUUUGUU</p> <p>3' arm: (low abundance)</p>	

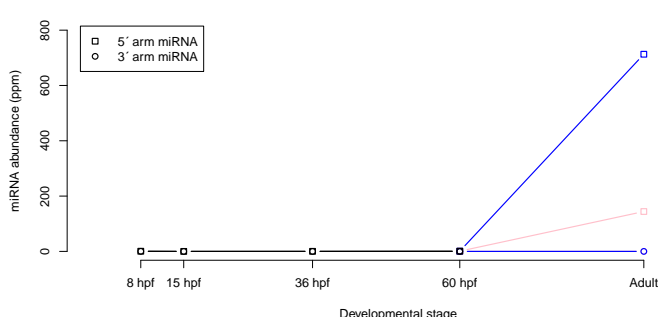
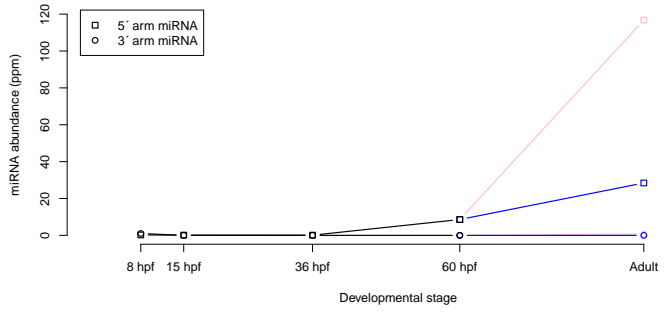
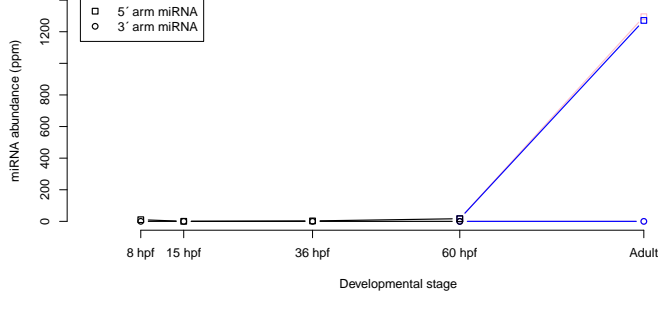
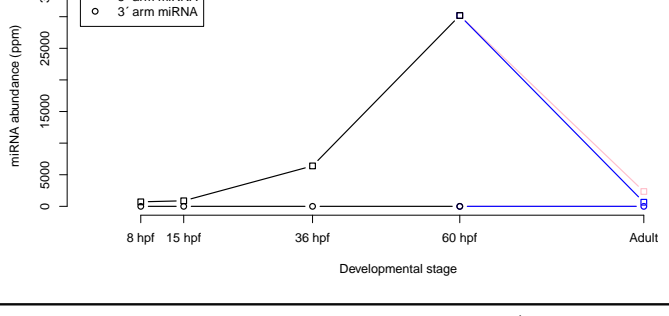
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Pre-miRNA	miRNA sequences	Abundance profile in development
bbe-mir-133 ortholog at Sc0000092 bp 690262-690162 (- strand)	5' arm: AAAGCUGGUAUUUGGAACCA 3' arm: UUGGUCCCCUUAACCAGCUGU	
bfl-mir-92b ortholog at Sc0000007 bp 2890460- 2890560 (+ strand)	5' arm: AGGUCUGGACAGUUGCAAUCUU 3' arm: CAUUGCACUCGUCCCGGCCUGA	
bfl-mir-137 ortholog at xpSc0039671 bp 309878- 309778 (- strand)	5' arm: (low abundance) 3' arm: UAUUGCUCUGAGAAUACACGUGA	
bfl-mir-4868b ortholog at Sc0000017 bp 1346380- 1346293 (- strand)	5' arm: CUCAUCACACCGGAAGCUGUUA 3' arm: UCAGCUCCAGCUGUGAUGAGUG	

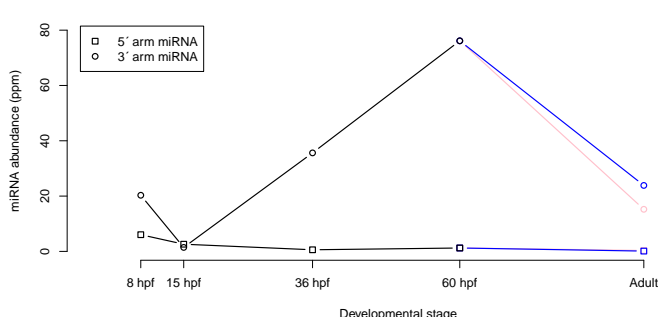
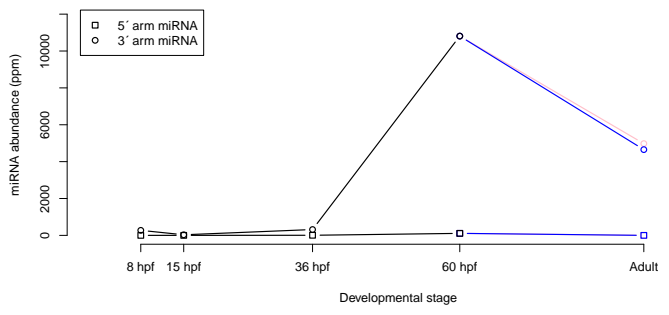
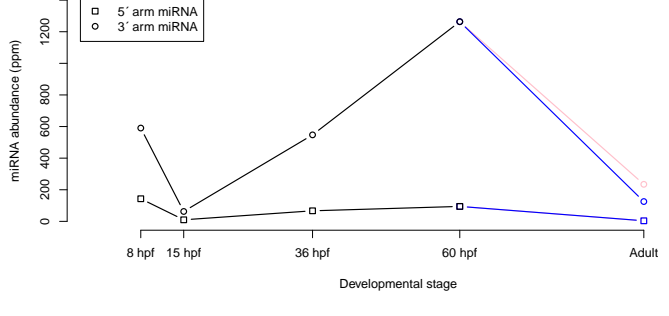
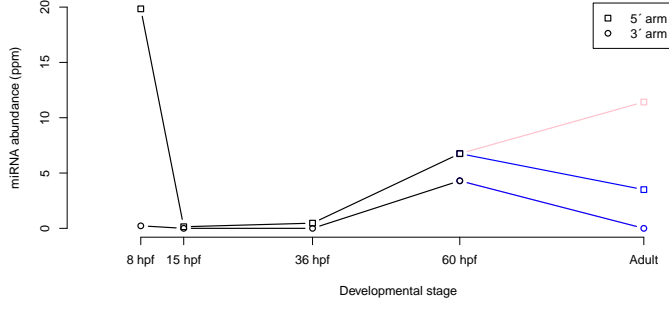
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Pre-miRNA	miRNA sequences	Abundance profile in development
bfl-mir-242 ortholog at Sc0000023 bp 500019-499937 (- strand)	5' arm: UUGCGUAGGCGUUGUGCACACU 3' arm: (low abundance)	
bfl-mir-92d ortholog at Sc0000062 bp 529331-529413 (+ strand)	5' arm: (low abundance) 3' arm: UAUUGCACUUAUCCUGGCCUGU	
bfl-mir-4880 ortholog at Sc0000057 bp 1180852- 1180940 (+ strand)	5' arm: UUUGCUAUUCGAUGACCAGUGG 3' arm: (low abundance)	
bbe-mir-92a-1 ortholog at Sc0000007 bp 4735908- 4735986 (+ strand)	5' arm: AGGUCGUGAUAGGCGGCAAUGUU 3' arm: UAUUGCACUUGUCCCGCCUUU	

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Pre-miRNA	miRNA sequences	Abundance profile in development
bfl-mir-2058 ortholog at Sc0000110 bp 921624-921546 (- strand)	5' arm: UGAGAAGUAAGACUACCAUCCCGU 3' arm: (low abundance)	
bfl-mir-10b ortholog at Sc0000000 bp 1938354- 1938254 (- strand)	5' arm: AACCCUGUGGAUCCGAUCUUGUG 3' arm: (low abundance)	
bfl-mir-4856a ortholog at Sc0000022 bp 2103002- 2103085 (+ strand)	5' arm: ACGCAGUGACGUCAGCGCCUCU 3' arm: (low abundance)	
bfl-mir-183 ortholog at Sc0000043 bp 398562-398462 (- strand)	5' arm: UAUGGCACUGGUAGAAUUCACUGA 3' arm: (low abundance)	

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Pre-miRNA	miRNA sequences	Abundance profile in development
bbe-mir-2067 ortholog at Sc0000082 bp 843448-843367 (- strand)	5' arm: (low abundance) 3' arm: AAGCAGCAGUAUGCAAUGGUGA	
bfl-mir-184 ortholog at Sc0000017 bp 1306111-1306211 (+ strand)	5' arm: CUUAUCACUUCUCCGCCGAGC 3' arm: UGGACGGAGAACUGAUAAGGGCC	
bbe-mir-34a ortholog at Sc0000034 bp 210967-210880 (- strand)	5' arm: CGUUCCUGUGUGCUGCUG 3' arm: AGCCACUGUACACUCCCGUA	
bfl-mir-4904 ortholog at Sc0000028 bp 432156-432080 (- strand)	5' arm: UCCCGGAGUCGUUCUAUACGCCG 3' arm: (low abundance)	

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Pre-miRNA	miRNA sequences	Abundance profile in development																		
<p>bfl-mir-4870 ortholog at Sc0000009 bp 4682265- 4682351 (+ strand)</p>	<p>5' arm: GAUGUUUGUACUGUCUGUCUGUU</p> <p>3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bfl-mir-4870</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>15 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>36 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>60 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>Adult</td> <td>~65</td> <td>~1</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~1	~1	15 hpf	~1	~1	36 hpf	~1	~1	60 hpf	~1	~1	Adult	~65	~1
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
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15 hpf	~1	~1																		
36 hpf	~1	~1																		
60 hpf	~1	~1																		
Adult	~65	~1																		
<p>bfl-mir-4866 ortholog at Sc0000043 bp 1850204- 1850295 (+ strand)</p>	<p>5' arm: UCACACUUGUACUUCUUAGCAU</p> <p>3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bfl-mir-4866</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~12</td> <td>~1</td> </tr> <tr> <td>15 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>36 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>60 hpf</td> <td>~26</td> <td>~4</td> </tr> <tr> <td>Adult</td> <td>~6</td> <td>~1</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~12	~1	15 hpf	~1	~1	36 hpf	~1	~1	60 hpf	~26	~4	Adult	~6	~1
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
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36 hpf	~1	~1																		
60 hpf	~26	~4																		
Adult	~6	~1																		
<p>bbe-mir-9 ortholog at Sc0000019 bp 2253983- 2254064 (+ strand)</p>	<p>5' arm: UCUUUGGUUAUCUAGCUGUAUGA</p> <p>3' arm: (low abundance)</p>	<table border="1"> <caption>Abundance profile for bbe-mir-9</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~5</td> <td>~1</td> </tr> <tr> <td>15 hpf</td> <td>~1</td> <td>~1</td> </tr> <tr> <td>36 hpf</td> <td>~10</td> <td>~1</td> </tr> <tr> <td>60 hpf</td> <td>~43</td> <td>~1</td> </tr> <tr> <td>Adult</td> <td>~4</td> <td>~1</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~5	~1	15 hpf	~1	~1	36 hpf	~10	~1	60 hpf	~43	~1	Adult	~4	~1
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15 hpf	~1	~1																		
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60 hpf	~43	~1																		
Adult	~4	~1																		
<p>bfl-mir-217 ortholog at Sc0000230 bp 138098-138165 (+ strand)</p>	<p>5' arm: UACUGCAUCAGGAACUGAUUGG</p> <p>3' arm: AAUCUGUCCUCAUGCAUGGCU</p>	<table border="1"> <caption>Abundance profile for bfl-mir-217</caption> <thead> <tr> <th>Developmental stage</th> <th>5' arm miRNA (ppm)</th> <th>3' arm miRNA (ppm)</th> </tr> </thead> <tbody> <tr> <td>8 hpf</td> <td>~10</td> <td>~10</td> </tr> <tr> <td>15 hpf</td> <td>~10</td> <td>~10</td> </tr> <tr> <td>36 hpf</td> <td>~80</td> <td>~10</td> </tr> <tr> <td>60 hpf</td> <td>~450</td> <td>~20</td> </tr> <tr> <td>Adult</td> <td>~20</td> <td>~5</td> </tr> </tbody> </table>	Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)	8 hpf	~10	~10	15 hpf	~10	~10	36 hpf	~80	~10	60 hpf	~450	~20	Adult	~20	~5
Developmental stage	5' arm miRNA (ppm)	3' arm miRNA (ppm)																		
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36 hpf	~80	~10																		
60 hpf	~450	~20																		
Adult	~20	~5																		