| Name            | Purpose of PCR                  | Template                                | Target sequence                  | Sequence (5’ - 3’)                      |
|-----------------|---------------------------------|-----------------------------------------|----------------------------------|-----------------------------------------|
| FFVmiRNA_F1_F   | To construct miRNA expression plasmids | genomic DNA of CRFK cells infected with FFV | pre-miRNA sequence of miRNA FFV F1 | CCAAGCTTCTAGGCTGTGATCCTG               |
| FFVmiRNA_F1_R   |                                  |                                         | pre-miRNA sequence of miRNA FFV F3 | CGCGGATCCGGAAATTAGAGGAA                 |
| FFVmiRNA_F3_F   |                                  |                                         |                                  | CCAAGCTGAGAAGAACAACCTTTCG             |
| FFVmiRNA_F3_R   |                                  |                                         |                                  | CGCGGATCCGGACGAGTCAAGCTT              |
| FFV_F1_comp_F   |                                  | No template (annealing and extending primers) | Complementary sequences of miRNA FFV F1 | GATCGCCGGTATAACTCCGCGAGTACATCGAAACAC  |
| FFV_F1_comp_R   |                                  | No template (annealing and extending primers) | Complementary sequences of miRNA FFV F1 | CCGGCGCCGAGCGTCACTCGGGAAGTGTTATTGCGATCATCTT  |
| FFV_F3_comp_F   |                                  | No template (annealing and extending primers) | Complementary sequences of miRNA FFV F3 | GATCGCCGGTAGAATTTTGACGCGAGTACATCGAAC  |
| FFV_F3_comp_R   |                                  | No template (annealing and extending primers) | Complementary sequences of miRNA FFV F3 | CCGGCGCCGAGCGTCACTCGGGAAGTGTTATTGCGATCATCTT |
Table S2. The read counts of host-derived miRNAs of CRFK (NC) or CRFK/FFV (PI)

| miRNA     | NC_read_count | PI_read_count | precursor  |
|-----------|---------------|---------------|------------|
| fca-miR-21-5p | 14074467      | 6671652       | fca-miR-21 |
| fca-miR-100-5p | 2806235      | 1508584       | fca-miR-100 |
| fca-miR-143-3p | 1210515      | 1388502       | fca-miR-143 |
| fca-miR-10b-5p | 287699        | 162406        | fca-miR-10b |
| fca-let-7i-5p  | 351476        | 444677        | fca-let-7i  |
| fca-let-7f-5p  | 252117        | 431679        | fca-let-7f  |
| fca-miR-26a-5p | 268767        | 425312        | fca-miR-26a |
| fca-let-7g-5p  | 42644         | 122317        | fca-let-7g |
| fca-miR-7-5p   | 496433        | 115997        | fca-miR-7   |
| fca-miR-199a-5p | 46177        | 102919        | fca-miR-199a |
| fca-miR-29a-3p | 33461         | 100335        | fca-miR-29a |
| fca-miR-125b-5p | 91876        | 90888         | fca-miR-125b |
| fca-miR-191-5p | 25473         | 32068         | fca-miR-191 |
| fca-let-199-3p | 18286         | 21956         | fca-let-199 |
| fca-miR-196b-5p | 22988         | 21907         | fca-miR-196b |
| fca-miR-186-5p | 7602          | 20715         | fca-miR-186 |
| fca-miR-23b-3p | 9544          | 20057         | fca-miR-23b |
| fca-miR-16-5p  | 11830         | 19936         | fca-miR-16-1 |
| fca-miR-181a-5p | 3084         | 19197         | fca-miR-181a-1 |
| fca-miR-30c-5p | 8982          | 19179         | fca-miR-30c-1 |
| miRNA Name       | Gene ID | Fasta ID | Description |
|------------------|---------|----------|-------------|
| fca-miR-30c-5p   | 8982    | fca-mir-30c-2 |
| fca-miR-181a-5p  | 3076    | fca-mir-181a-2 |
| fca-let-7e-5p    | 7791    | fca-mir-183 |
| fca-miR-183-5p   | 10796   | fca-mir-27a |
| fca-miR-27a-5p   | 29553   | fca-mir-34c |
| fca-miR-34c-5p   | 1866    | fca-mir-192 |
| fca-miR-192-5p   | 10290   | fca-mir-423 |
| fca-miR-423-5p   | 12274   | fca-mir-149 |
| fca-miR-149-5p   | 13853   | fca-mir-106b |
| fca-miR-106b-3p  | 7442    | fca-mir-181b-1 |
| fca-miR-181b-5p  | 9093    | fca-mir-181b-2 |
| fca-miR-106b-5p  | 5098    | fca-mir-151 |
| fca-miR-151-3p   | 25031   | fca-mir-221 |
| fca-miR-221-5p   | 2027    | fca-mir-361 |
| fca-miR-98-5p    | 9039    | fca-mir-98 |
| fca-miR-181b-5p  | 1841    | fca-mir-181b-1 |
| fca-miR-181b-5p  | 1816    | fca-mir-181b-2 |
| fca-miR-181b-5p  | 6744    | fca-mir-146b |
| fca-miR-582-5p   | 3823    | fca-mir-582 |
| fca-let-7c-5p    | 3960    | fca-mir-221 |
| fca-miR-22-3p    | 1734    | fca-mir-660 |
| fca-miR-660-5p   | 3100    | fca-mir-221 |
| fca-miR-20a-5p   | 11077   | fca-mir-20a |
| fca-miR-423-3p   | 9073    | fca-mir-423 |
| fca-miR-99b-3p   | 3469    | fca-mir-99b |
| fca-miR-499-5p   | 2373    | fca-mir-499 |
| fca-miR-374b-5p  | 3638    | fca-mir-374b |
| fca-miR-128-3p   | 1840    | fca-mir-128-1 |
| fca-miR-128-3p   | 1840    | fca-mir-128-2 |
| fca-miR-2387-5p  | 5087    | fca-mir-2387 |
| fca-miR-30b-5p   | 7909    | fca-mir-30b |
| fca-miR-365-3p   | 3690    | fca-mir-365 |
| fca-miR-129-5p   | 2513    | fca-mir-129-2 |
| fca-miR-129-5p   | 2508    | fca-mir-129-1 |
| fca-miR-1271-5p  | 4475    | fca-mir-1271 |
| fca-miR-362-5p   | 2530    | fca-mir-362 |
| fca-miR-374a-5p  | 1693    | fca-mir-374a |
| fca-miR-106b-5p  | 4856    | fca-mir-106b |
| fca-miR-196a-5p  | 20233   | fca-mir-196a |
| fca-miR-122-5p   | 609     | fca-mir-122 |
| fca-miR-25-3p    | 7421    | fca-mir-25 |
| fca-miR-6529-5p  | 3141    | fca-mir-6529 |
| fca-miR-22-5p    | 1812    | fca-mir-22 |
| fca-miR-378-5p   | 2517    | fca-mir-378 |
| fca-miR-218-5p   | 3933    | fca-mir-218-1 |
| fca-miR-218-5p   | 3932    | fca-mir-218-2 |
| fca-miR-19b-3p   | 6661    | fca-mir-19b |
| fca-miR-148b-3p  | 1177    | fca-mir-148b |
| fca-miR-155-5p   | 10543   | fca-mir-155 |
| fca-miR-17-5p    | 4688    | fca-mir-17 |
| fca-miR-222-3p   | 5443    | fca-mir-222 |
| fca-miR-130b-5p  | 3569    | fca-mir-130b |
| miRNA Name          | Expression | FCA   | Name       | Expression |
|---------------------|------------|-------|------------|------------|
| fca-miR-125b-1-3p   | 5461       | 2959  | fca-miR-125b-1 | 5461       |
| fca-miR-503-5p      | 2990       | 2640  | fca-miR-503 | 2990       |
| fca-miR-1307-3p     | 3273       | 2577  | fca-miR-1307 | 3273       |
| fca-miR-1343-3p     | 1185       | 2568  | fca-miR-1343 | 1185       |
| fca-miR-24-2-5p     | 2345       | 2481  | fca-miR-24-2 | 2345       |
| fca-miR-15b-5p      | 1284       | 2156  | fca-miR-15b | 1284       |
| fca-miR-320a-3p     | 2117       | 2098  | fca-miR-320a | 2117       |
| fca-miR-502-3p      | 1082       | 2049  | fca-miR-502 | 1082       |
| fca-miR-133a-3p     | 1855       | 2036  | fca-miR-133a-1 | 1855       |
| fca-miR-133a-3p     | 1855       | 2036  | fca-miR-133a-2 | 1855       |
| fca-miR-151-5p      | 1420       | 1986  | fca-miR-151 | 1420       |
| fca-miR-184-3p      | 1928       | 1835  | fca-miR-184 | 1928       |
| fca-miR-574-5p      | 1761       | 1800  | fca-miR-574 | 1761       |
| fca-miR-125b-2-3p   | 617        | 1798  | fca-miR-125b-2 | 617        |
| fca-miR-193a-5p     | 2473       | 1780  | fca-miR-193a | 2473       |
| fca-miR-148a-3p     | 688        | 1684  | fca-miR-148a | 688        |
| fca-miR-331-5p      | 1791       | 1664  | fca-miR-331 | 1791       |
| fca-miR-221-3p      | 4398       | 1623  | fca-miR-221 | 4398       |
| fca-miR-96-5p       | 1366       | 1601  | fca-miR-96 | 1366       |
| fca-miR-152-5p      | 1308       | 1440  | fca-miR-152 | 1308       |
| fca-miR-148a-5p     | 1351       | 1349  | fca-miR-148a | 1351       |
| fca-miR-143-5p      | 869        | 1299  | fca-miR-143 | 869        |
| fca-miR-652-3p      | 2112       | 1250  | fca-miR-652 | 2112       |
| fca-miR-574-3p      | 852        | 1234  | fca-miR-574 | 852        |
| fca-miR-130a-3p     | 943        | 1207  | fca-miR-130a | 943        |
| fca-miR-181d-5p     | 161        | 1182  | fca-miR-181d | 161        |
| fca-miR-185-3p      | 372        | 1135  | fca-miR-185 | 372        |
| fca-miR-214-3p      | 77         | 1113  | fca-miR-214 | 77         |
| fca-miR-181a-1-3p   | 101        | 1085  | fca-miR-181a-1 | 101        |
| fca-miR-361-5p      | 407        | 1059  | fca-miR-361 | 407        |
| fca-miR-542-3p      | 675        | 1031  | fca-miR-542 | 675        |
| fca-miR-205-5p      | 15         | 942   | fca-miR-205 | 15         |
| fca-miR-375-3p      | 70         | 817   | fca-miR-375 | 70         |
| fca-miR-424-5p      | 530        | 812   | fca-miR-424 | 530        |
| fca-miR-chrC2_22423-3p | 6   | 790   | fca-mir-chrC2_22423 | 6   |
| fca-miR-1306-5p     | 1173       | 767   | fca-mir-1306 | 1173       |
| fca-miR-18a-5p      | 929        | 754   | fca-mir-18a | 929        |
| fca-miR-130b-3p     | 1628       | 711   | fca-mir-130b | 1628       |
| fca-miR-15a-5p      | 429        | 705   | fca-mir-15a | 429        |
| fca-miR-197-3p      | 342        | 693   | fca-mir-197 | 342        |
| fca-miR-27b-5p      | 905        | 691   | fca-mir-27b | 905        |
| fca-miR-350-5p      | 636        | 679   | fca-mir-350 | 636        |
| fca-miR-193b-5p     | 794        | 642   | fca-mir-193b | 794        |
| fca-miR-340-3p      | 469        | 629   | fca-mir-340 | 469        |
| fca-miR-29b-3p      | 156        | 626   | fca-mir-29b-2 | 156        |
| fca-miR-194-5p      | 355        | 615   | fca-mir-194 | 355        |
| fca-miR-chrC1_18846-5p | 370  | 603   | fca-mir-chrC1_18846 | 370  |
| fca-miR-92a-3p      | 1564       | 603   | fca-mir-92a | 1564       |
| fca-miR-199b-5p     | 212        | 588   | fca-mir-199b | 212        |
| fca-miR-181c-3p     | 80         | 585   | fca-mir-181c | 80         |
| fca-miR-486-5p      | 175        | 562   | fca-mir-486-2 | 175        |
| fca-miR-486-5p      | 179        | 562   | fca-mir-486-1 | 179        |
| fca-miR-195-5p      | 103        | 537   | fca-mir-195 | 103        |
| fca-miR-29a-5p      | 174        | 512   | fca-mir-29a | 174        |
| MicroRNA ID                        | Start Position | End Position | Gene ID  |
|-----------------------------------|----------------|--------------|----------|
| fca-miR-188-5p                    | 336            | 512          | fca-miR-188 |
| fca-miR-210-3p                    | 2301           | 503          | fca-miR-210  |
| fca-let-7a-1-3p                   | 618            | 485          | fca-let-7a-1|
| fca-miR-532-3p                    | 379            | 471          | fca-miR-532 |
| fca-miR-505-3p                    | 255            | 461          | fca-miR-505 |
| fca-miR-1249-3p                   | 382            | 434          | fca-miR-1249|
| fca-miR-193b-3p                   | 1391           | 434          | fca-miR-193b|
| fca-miR-3548-5p                   | 55             | 424          | fca-miR-3548|
| fca-miR-chrUn_JH409706_38826-3p   | 725            | 365          | fca-miR-chrUn_JH409706_38826 |
| fca-miR-1296-5p                   | 352            | 347          | fca-miR-1296|
| fca-miR-671-5p                    | 563            | 341          | fca-miR-671 |
| fca-miR-100-3p                    | 614            | 316          | fca-miR-100 |
| fca-miR-502-5p                    | 241            | 307          | fca-miR-502 |
| fca-miR-190a-5p                   | 199            | 291          | fca-miR-190a|
| fca-miR-1307-5p                   | 364            | 279          | fca-miR-1307|
| fca-miR-138-1-5p                  | 248            | 272          | fca-miR-138-1|
| fca-miR-214-5p                    | 20             | 262          | fca-miR-214 |
| fca-miR-chrE3_33626-5p            | 509            | 259          | fca-miR-chrE3_33626 |
| fca-miR-138-1-5p                  | 236            | 255          | fca-miR-138-2|
| fca-miR-138-2-5p                  | 236            | 255          | fca-miR-138-2|
| fca-miR-130a-5p                   | 182            | 231          | fca-miR-130a|
| fca-miR-628-5p                    | 98             | 221          | fca-miR-628 |
| fca-miR-664-3p                    | 103            | 193          | fca-miR-664 |
| fca-miR-652-5p                    | 391            | 192          | fca-miR-652 |
| fca-miR-1306-3p                   | 267            | 191          | fca-miR-1306|
| fca-miR-133a-5p                   | 202            | 184          | fca-miR-133a-1|
| fca-miR-326-3p                    | 149            | 176          | fca-miR-326 |
| fca-miR-215-5p                    | 193            | 176          | fca-miR-215 |
| fca-miR-374a-3p                   | 40             | 173          | fca-miR-374a|
| fca-miR-181a-2-3p                 | 26             | 169          | fca-miR-181a-2|
| fca-miR-30c-1-3p                  | 53             | 167          | fca-miR-30c-1|
| fca-miR-497-5p                    | 70             | 159          | fca-miR-497 |
| fca-miR-129-2-3p                  | 154            | 159          | fca-miR-129-2|
| fca-miR-133a-5p                   | 168            | 154          | fca-miR-133a-2|
| fca-miR-128-1-5p                  | 193            | 148          | fca-miR-128-1|
| fca-miR-210-5p                    | 402            | 140          | fca-miR-210 |
| fca-miR-181c-5p                   | 21             | 139          | fca-miR-181c|
| fca-miR-483-3p                    | 202            | 136          | fca-miR-483 |
| fca-miR-708-3p                    | 41             | 128          | fca-miR-708 |
| fca-miR-615-3p                    | 324            | 127          | fca-miR-615 |
| fca-miR-24-1-5p                   | 82             | 126          | fca-miR-24-1|
| fca-miR-424-3p                    | 88             | 125          | fca-miR-424 |
| fca-let-7a-2-3p                   | 159            | 125          | fca-let-7a-2|
| fca-miR-708-5p                    | 39             | 119          | fca-miR-708 |
| fca-miR-328-3p                    | 66             | 116          | fca-miR-328 |
| fca-miR-26a-2-3p                   | 65            | 110          | fca-miR-26a-2|
| fca-miR-93-3p                     | 73             | 110          | fca-miR-93 |
| fca-miR-350-3p                    | 30             | 109          | fca-miR-350 |
| fca-miR-191-3p                    | 127            | 108          | fca-miR-191 |
| fca-miR-542-5p                    | 117            | 107          | fca-miR-542 |
| fca-miR-29b-2-5p                   | 56             | 104          | fca-miR-29b-2|
| fca-let-7i-3p                    | 167            | 104          | fca-let-7i |
| fca-miR-342-3p                    | 23             | 99           | fca-miR-342 |
| fca-miR-15b-3p                    | 91             | 87           | fca-miR-15b |
| miRNA Name                  | Start Position | End Position |
|----------------------------|----------------|--------------|
| fca-miR-181b-1-3p          | 23             | 85           |
| fca-miR-7e-3p              | 30             | 82           |
| fca-miR-206-3p             | 21             | 81           |
| fca-miR-3548-3p            | 14             | 80           |
| fca-miR-21-3p              | 132            | 80           |
| fca-miR-chrE3_33626-3p     | 42             | 79           |
| fca-miR-139-3p             | 1              | 76           |
| fca-miR-30c-2-3p           | 25             | 76           |
| fca-miR-195-3p             | 8              | 73           |
| fca-miR-582-3p             | 49             | 71           |
| fca-miR-10b-3p             | 16             | 70           |
| fca-miR-33-5p              | 39             | 68           |
| fca-miR-335-5p             | 158            | 64           |
| fca-miR-590-5p             | 35             | 60           |
| fca-miR-17-3p              | 109            | 56           |
| fca-miR-342-5p             | 48             | 55           |
| fca-miR-124-3p             | 26             | 52           |
| fca-miR-124-3p             | 26             | 52           |
| fca-miR-193a-3p            | 448            | 51           |
| fca-miR-18a-3p             | 104            | 48           |
| fca-miR-411-5p             | 521            | 48           |
| fca-miR-chrD4_31051-5p     | 8              | 43           |
| fca-miR-590-3p             | 59             | 42           |
| fca-miR-505-5p             | 42             | 41           |
| fca-miR-10a-3p             | 58             | 40           |
| fca-miR-200a-5p            | 11             | 38           |
| fca-miR-660-3p             | 31             | 36           |
| fca-miR-7f-3p              | 70             | 36           |
| fca-miR-chrB1_11053-3p     | 122            | 34           |
| fca-miR-335-3p             | 275            | 33           |
| fca-miR-204-5p             | 50             | 32           |
| fca-miR-200b-3p            | 3              | 31           |
| fca-miR-874-5p             | 0              | 30           |
| fca-miR-33-3p              | 32             | 29           |
| fca-miR-1-1-5p             | 8              | 28           |
| fca-miR-30b-3p             | 5              | 27           |
| fca-miR-chrE1_32174-3p     | 8              | 27           |
| fca-miR-874-3p             | 0              | 26           |
| fca-miR-374b-3p            | 9              | 26           |
| fca-miR-331-3p             | 37             | 26           |
| fca-miR-34a-3p             | 3              | 24           |
| fca-let-7g-3p              | 60             | 24           |
| fca-miR-200a-3p            | 2              | 23           |
| fca-let-7c-3p              | 20             | 23           |
| fca-miR-1301-3p            | 14             | 22           |
| fca-miR-129-1-3p           | 20             | 22           |
| fca-miR-449-5p             | 25             | 22           |
| fca-miR-132-5p             | 13             | 21           |
| fca-miR-23b-5p             | 20             | 20           |
| fca-miR-26b-3p             | 12             | 19           |
| fca-miR-chrE2_33458-3p     | 20             | 19           |
| fca-miR-429-3p             | 0              | 17           |
| fca-miR-135a-5p            | 3              | 17           |
| fca-miR-135a-5p            | 3              | 17           |
| miRNA             | Value | miRNA             | Value |
|-------------------|-------|-------------------|-------|
| fca-miR-6529-3p   | 4     | fca-miR-6529      |       |
| fca-miR-491-5p    | 17    | fca-miR-491       |       |
| fca-miR-379-5p    | 416   | fca-miR-379       |       |
| fca-miR-196b-3p   | 2     | fca-miR-196b      |       |
| fca-miR-493-5p    | 0     | fca-miR-493       |       |
| fca-miR-3085-5p   | 5     | fca-miR-3085      |       |
| fca-miR-362-3p    | 9     | fca-miR-362       |       |
| fca-miR-chrB2_13690-3p | 11 | fca-miR-chrB2_13690 |   |
| fca-miR-200c-3p   | 18    | fca-miR-200c      |       |
| fca-miR-126-3p    | 81    | fca-miR-126       |       |
| fca-miR-491-3p    | 5     | fca-miR-491       |       |
| fca-miR-551a-3p   | 10    | fca-miR-551a      |       |
| fca-miR-124-5p    | 2     | fca-mir-124       |       |
| fca-miR-124-5p    | 2     | fca-mir-124       |       |
| fca-miR-3085-3p   | 4     | fca-mir-3085      |       |
| fca-miR-106a-5p   | 19    | fca-mir-106a      |       |
| fca-miR-chrC2_22423-5p | 0 | fca-mir-chrC2_22423 |   |
| fca-miR-181b-2-3p | 8     | fca-mir-181b      |       |
| fca-miR-135b-5p   | 0     | fca-mir-135b      |       |
| fca-miR-132-3p    | 8     | fca-mir-132       |       |
| fca-miR-103-5p    | 9     | fca-mir-103       |       |
| fca-miR-chrE3_33972-3p | 19 | fca-mir-chrE3_33972 |   |
| fca-miR-138-1-3p  | 9     | fca-mir-138       |       |
| fca-miR-188-3p    | 0     | fca-mir-188       |       |
| fca-miR-592-5p    | 0     | fca-mir-592       |       |
| fca-miR-127-3p    | 6     | fca-mir-127       |       |
| fca-miR-chrB1_11053-5p | 12 | fca-mir-chrB1_11053 |   |
| fca-miR-503-3p    | 19    | fca-mir-503       |       |
| fca-miR-382-5p    | 31    | fca-mir-382       |       |
| fca-miR-101a-5p   | 0     | fca-mir-101a      |       |
| fca-miR-127a-5p   | 1     | fca-mir-127       |       |
| fca-miR-16-2-3p   | 1     | fca-mir-16-2      |       |
| fca-miR-chrE3_34060-5p | 3  | fca-mir-chrE3_34060 |   |
| fca-miR-98-3p     | 5     | fca-mir-98        |       |
| fca-miR-202-5p    | 5     | fca-mir-202       |       |
| fca-miR-183-3p    | 11    | fca-mir-183       |       |
| fca-miR-7a-1-3p   | 26    | fca-mir-7a-1      |       |
| fca-miR-299a-3p   | 36    | fca-mir-299a      |       |
| fca-miR-302d-1-3p | 1     | fca-mir-302d      |       |
| fca-miR-514-5p    | 1     | fca-mir-514       |       |
| fca-miR-chrC2_23051-3p | 1 | fca-mir-chrC2_23051 |   |
| fca-miR-295-3p    | 2     | fca-mir-295       |       |
| fca-miR-219-3p    | 3     | fca-mir-219       |       |
| fca-miR-6715a-3p  | 4     | fca-mir-6715a     |       |
| fca-miR-chrE3_34145-5p | 6  | fca-mir-chrE3_34145 |   |
| fca-miR-409-3p    | 11    | fca-mir-409       |       |
| fca-miR-485-5p    | 12    | fca-mir-485       |       |
| fca-miR-182-3p    | 0     | fca-mir-182       |       |
| fca-miR-200b-5p   | 2     | fca-mir-200b      |       |
| fca-miR-192-3p    | 3     | fca-mir-192       |       |
| fca-miR-543-3p    | 3     | fca-mir-543       |       |
| fca-miR-153-1-5p  | 4     | fca-mir-153       |       |
| fca-miR-3959-5p   | 10    | fca-mir-3959      |       |
| miRNA          | Count | Sense |
|---------------|-------|-------|
| fca-miR-150-5p| 11    | 3     |
| fca-miR-218-2-3p| 0    | 2     |
| fca-miR-219-5p| 0    | 2     |
| fca-miR-383-5p| 0    | 2     |
| fca-miR-495-3p| 0    | 2     |
| fca-miR-8908n-3p| 0 | 2     |
| fca-miR-chrX_38640-3p| 0 | 2     |
| fca-miR-26a-1-3p| 2   | 2     |
| fca-miR-432-5p| 2    | 2     |
| fca-miR-chrF2_35515-3p| 4 | 2     |
| fca-miR-628-3p| 5    | 2     |
| fca-miR-chrE1_31800-3p| 5 | 2     |
| fca-miR-1271-3p| 13   | 2     |
| fca-miR-409-5p| 15   | 2     |
| fca-miR-122-3p| 0    | 1     |
| fca-miR-135a-3p| 0   | 1     |
| fca-miR-144-5p| 0    | 1     |
| fca-miR-215-3p| 0    | 1     |
| fca-miR-216a-5p| 0  | 1     |
| fca-miR-296-3p| 0    | 1     |
| fca-miR-323a-3p| 0   | 1     |
| fca-miR-376a-5p| 0  | 1     |
| fca-miR-379-3p| 0    | 1     |
| fca-miR-381-5p| 0    | 1     |
| fca-miR-3958-3p| 0  | 1     |
| fca-miR-3958-5p| 0  | 1     |
| fca-miR-506-3p| 0    | 1     |
| fca-miR-508-3p| 0    | 1     |
| fca-miR-chrD4_30107-3p| 0 | 1     |
| fca-miR-101b-5p| 1   | 1     |
| fca-miR-493-3p| 1    | 1     |
| fca-miR-7a-2-3p| 1   | 1     |
| fca-miR-487b-3p| 3   | 1     |
| fca-miR-186-3p| 4    | 1     |
| fca-miR-134-5p| 10   | 1     |
| fca-miR-382-3p| 16   | 1     |
| fca-miR-126-5p| 17   | 1     |
| fca-miR-1-2-5p| 0    | 0     |
| fca-miR-106a-3p| 0   | 0     |
| fca-miR-1185-5p| 0  | 0     |
| fca-miR-1251-3p| 0  | 0     |
| fca-miR-1251-5p| 0  | 0     |
| fca-miR-128-2-5p| 0 | 0     |
| fca-miR-134-3p| 0    | 0     |
| fca-miR-138-2-3p| 0 | 0     |
| fca-miR-144-3p| 0    | 0     |
| fca-miR-150-3p| 0    | 0     |
| fca-miR-153-3p| 0    | 0     |
| fca-miR-153-3p| 0    | 0     |
| fca-miR-18b-3p| 0    | 0     |
| fca-miR-190a-3p| 0  | 0     |
| fca-miR-1911-5p| 0  | 0     |
| fca-miR-200c-5p| 0  | 0     |
| fca-miR-202-3p| 0    | 0     |
| miRNA                | Value1 | Value2 | Value3 | miRNA                | Value1 | Value2 | Value3 |
|---------------------|--------|--------|--------|---------------------|--------|--------|--------|
| fca-miR-204-3p      | 0      | 0      |        | fca-miR-204-3p      | 0      | 0      |        |
| fca-miR-205-3p      | 0      | 0      |        | fca-miR-205-3p      | 0      | 0      |        |
| fca-miR-206-5p      | 0      | 0      |        | fca-miR-206-5p      | 0      | 0      |        |
| fca-miR-208b-3p     | 0      | 0      |        | fca-miR-208b-3p     | 0      | 0      |        |
| fca-miR-20a-3p      | 0      | 0      |        | fca-miR-20a-3p      | 0      | 0      |        |
| fca-miR-216a-3p     | 0      | 0      |        | fca-miR-216a-3p     | 0      | 0      |        |
| fca-miR-296-5p      | 0      | 0      |        | fca-miR-296-5p      | 0      | 0      |        |
| fca-miR-299a-1-3p   | 0      | 0      |        | fca-miR-299a-1-3p   | 0      | 0      |        |
| fca-miR-302b-3p     | 0      | 0      |        | fca-miR-302b-3p     | 0      | 0      |        |
| fca-miR-31-3p       | 0      | 0      |        | fca-miR-31-3p       | 0      | 0      |        |
| fca-miR-323a-5p     | 0      | 0      |        | fca-miR-323a-5p     | 0      | 0      |        |
| fca-miR-323b-3p     | 0      | 0      |        | fca-miR-323b-3p     | 0      | 0      |        |
| fca-miR-325-3p      | 0      | 0      |        | fca-miR-325-3p      | 0      | 0      |        |
| fca-miR-325-5p      | 0      | 0      |        | fca-miR-325-5p      | 0      | 0      |        |
| fca-miR-329-5p      | 0      | 0      |        | fca-miR-329-5p      | 0      | 0      |        |
| fca-miR-337-3p      | 0      | 0      |        | fca-miR-337-3p      | 0      | 0      |        |
| fca-miR-337-5p      | 0      | 0      |        | fca-miR-337-5p      | 0      | 0      |        |
| fca-miR-34c-3p      | 0      | 0      |        | fca-miR-34c-3p      | 0      | 0      |        |
| fca-miR-363-3p      | 0      | 0      |        | fca-miR-363-3p      | 0      | 0      |        |
| fca-miR-370-5p      | 0      | 0      |        | fca-miR-370-5p      | 0      | 0      |        |
| fca-miR-375-5p      | 0      | 0      |        | fca-miR-375-5p      | 0      | 0      |        |
| fca-miR-376a-3p     | 0      | 0      |        | fca-miR-376a-3p     | 0      | 0      |        |
| fca-miR-376a-3p     | 0      | 0      |        | fca-miR-376a-3p     | 0      | 0      |        |
| fca-miR-376a-2-5p   | 0      | 0      |        | fca-miR-376a-2-5p   | 0      | 0      |        |
| fca-miR-376a-3p     | 0      | 0      |        | fca-miR-376a-3p     | 0      | 0      |        |
| fca-miR-376b-3p     | 0      | 0      |        | fca-miR-376b-3p     | 0      | 0      |        |
| fca-miR-376c-3p     | 0      | 0      |        | fca-miR-376c-3p     | 0      | 0      |        |
| fca-miR-376c-5p     | 0      | 0      |        | fca-miR-376c-5p     | 0      | 0      |        |
| fca-miR-380-3p      | 0      | 0      |        | fca-miR-380-3p      | 0      | 0      |        |
| fca-miR-383-3p      | 0      | 0      |        | fca-miR-383-3p      | 0      | 0      |        |
| fca-miR-3959-3p     | 0      | 0      |        | fca-miR-3959-3p     | 0      | 0      |        |
| fca-miR-410-3p      | 0      | 0      |        | fca-miR-410-3p      | 0      | 0      |        |
| fca-miR-411-3p      | 0      | 0      |        | fca-miR-411-3p      | 0      | 0      |        |
| fca-miR-432-3p      | 0      | 0      |        | fca-miR-432-3p      | 0      | 0      |        |
| fca-miR-433-5p      | 0      | 0      |        | fca-miR-433-5p      | 0      | 0      |        |
| fca-miR-449-3p      | 0      | 0      |        | fca-miR-449-3p      | 0      | 0      |        |
| fca-miR-485-3p      | 0      | 0      |        | fca-miR-485-3p      | 0      | 0      |        |
| fca-miR-487a-5p     | 0      | 0      |        | fca-miR-487a-5p     | 0      | 0      |        |
| fca-miR-487b-5p     | 0      | 0      |        | fca-miR-487b-5p     | 0      | 0      |        |
| fca-miR-495-5p      | 0      | 0      |        | fca-miR-495-5p      | 0      | 0      |        |
| fca-miR-497-3p      | 0      | 0      |        | fca-miR-497-3p      | 0      | 0      |        |
| fca-miR-506-5p      | 0      | 0      |        | fca-miR-506-5p      | 0      | 0      |        |
| fca-miR-507a-3p     | 0      | 0      |        | fca-miR-507a-3p     | 0      | 0      |        |
| fca-miR-507b-3p     | 0      | 0      |        | fca-miR-507b-3p     | 0      | 0      |        |
| fca-miR-508-5p      | 0      | 0      |        | fca-miR-508-5p      | 0      | 0      |        |
| fca-miR-514-3p      | 0      | 0      |        | fca-miR-514-3p      | 0      | 0      |        |
| fca-miR-543-5p      | 0      | 0      |        | fca-miR-543-5p      | 0      | 0      |        |
| fca-miR-551b-3p     | 0      | 0      |        | fca-miR-551b-3p     | 0      | 0      |        |
| fca-miR-655-3p      | 0      | 0      |        | fca-miR-655-3p      | 0      | 0      |        |
| fca-miR-656-3p      | 0      | 0      |        | fca-miR-656-3p      | 0      | 0      |        |
| fca-miR-656-5p      | 0      | 0      |        | fca-miR-656-5p      | 0      | 0      |        |
| fca-miR-6715a-5p    | 0      | 0      |        | fca-miR-6715a-5p    | 0      | 0      |        |
| fca-miR-7a-3-3p     | 0      | 0      |        | fca-miR-7a-3-3p     | 0      | 0      |        |
| fca-miR-758-3p      | 0      | 0      |        | fca-miR-758-3p      | 0      | 0      |        |
| fca-miR-758-5p      | 0      | 0      |        | fca-miR-758-5p      | 0      | 0      |        |
| miRNA        | Count | Symbol    |
|-------------|-------|-----------|
| fca-miR-758-5p | 0     | fca-mir-758 |
| fca-miR-802-3p | 0     | fca-mir-802 |
| fca-miR-802-5p | 0     | fca-mir-802 |
| fca-miR-885-3p | 0     | fca-mir-885 |
| fca-miR-889-5p | 0     | fca-mir-889 |
| fca-miR-8908n-5p | 0   | fca-mir-8908n |
| fca-miR-9851-3p | 0     | fca-mir-9851 |
| fca-miR-9851-5p | 0     | fca-mir-9851 |
| fca-miR-99a-3p  | 0     | fca-mir-99a |
| fca-miR-chrA2_6163-3p | 0 | fca-mir-chrA2_6163 |
| fca-miR-chrA2_6163-5p | 0 | fca-mir-chrA2_6163 |
| fca-miR-chrB4_16538-5p | 0 | fca-mir-chrB4_16538 |
| fca-miR-chrC2_23695-5p | 0 | fca-mir-chrC2_23695 |
| fca-miR-chrE3_33897-3p | 0 | fca-mir-chrE3_33897 |
| fca-miR-chrE3_34060-3p | 0 | fca-mir-chrE3_34060 |
| fca-miR-chrE3_34323-5p | 0 | fca-mir-chrE3_34323 |
| fca-miR-chrX_38640-5p | 0 | fca-mir-chrX_38640 |
| fca-miR-chrX_38642-3p | 0 | fca-mir-chrX_38642 |
| fca-miR-chrX_38642-5p | 0 | fca-mir-chrX_38642 |
| fca-miR-105-5p  | 12    | fca-mir-105 |
| fca-miR-654-3p  | 6     | fca-mir-654 |
| fca-miR-31-5p   | 4     | fca-mir-31 |
| fca-miR-433-3p  | 4     | fca-mir-433 |
| fca-miR-15a-3p  | 3     | fca-mir-15a |
| fca-miR-299a-5p | 3     | fca-mir-299a |
| fca-miR-1185-3p | 2     | fca-mir-1185 |
| fca-miR-16-1-3p | 2     | fca-mir-16-1 |
| fca-miR-18b-5p  | 2     | fca-mir-18b |
| fca-miR-299a-1-5p | 2 | fca-mir-299a-1 |
| fca-miR-370-3p  | 2     | fca-mir-370 |
| fca-miR-381-3p  | 2     | fca-mir-381 |
| fca-miR-chrA3_6354-5p | 2 | fca-mir-chrA3_6354 |
| fca-miR-20b-5p  | 1     | fca-mir-20b |
| fca-miR-329-3p  | 1     | fca-mir-329 |
| fca-miR-371-3p  | 1     | fca-mir-371 |
| fca-miR-377-5p  | 1     | fca-mir-377 |
| fca-miR-380-5p  | 1     | fca-mir-380 |
| fca-miR-487a-3p | 1     | fca-mir-487a |
| fca-miR-885-5p  | 1     | fca-mir-885 |
| fca-miR-889-3p  | 1     | fca-mir-889 |
Fig. S1. CPE induced by FFV isolate 159.