Supplementary Table: 1, Expression data of miRNA in neurons upon JEV infection.

| miRNA name      | Relative fold Change | P-value   |
|-----------------|----------------------|-----------|
| mmu-let-7a-5p   | 0.96                 | 0.753446  |
| mmu-let-7c-5p   | 0.97                 | 0.396516  |
| mmu-let-7e-5p   | 1.02                 | 0.506136  |
| mmu-let-7g-5p   | 1.02                 | 0.33142   |
| mmu-miR-101a-3p | 1.3                  | 0.050812  |
| mmu-miR-106b-5p | 0.91                 | 0.036762  |
| mmu-miR-122-5p  | 0.98                 | 0.577617  |
| mmu-miR-125a-5p | 1.04                 | 0.31025   |
| mmu-miR-125b-5p | 0.92                 | 0.045782  |
| mmu-miR-128-3p  | 1.05                 | 0.204907  |
| mmu-miR-133a-3p | 1                    | 0.054275  |
| mmu-miR-133b-3p | 0.98                 | 0.577617  |
| mmu-miR-134-5p  | 1.19                 | 0.290283  |
| mmu-miR-141-3p  | 0.98                 | 0.577617  |
| mmu-miR-143-3p  | 0.9                  | 0.104732  |
| mmu-miR-144-3p  | 1.02                 | 0.888292  |
| mmu-miR-145a-5p | 0.84                 | 0.005482  |
| mmu-miR-146a-5p | 0.85                 | 0.032354  |
| mmu-miR-148a-3p | 0.93                 | 0.509268  |
| mmu-miR-153-3p  | 0.85                 | 0.000528  |
| mature miRNA sequence | ratio | p-value |
|----------------------|-------|---------|
| mmu-miR-155-5p       | 0.98  | 0.577617|
| mmu-miR-15a-5p       | 0.97  | 0.091484|
| mmu-miR-15b-5p       | 0.98  | 0.587355|
| mmu-miR-16-5p        | 0.98  | 0.463509|
| mmu-miR-17-5p        | 0.96  | 0.283228|
| mmu-miR-181a-5p      | 0.87  | 0.052159|
| mmu-miR-181b-5p      | 0.95  | 0.038985|
| mmu-miR-181c-5p      | 0.86  | 0.103826|
| mmu-miR-181d-5p      | 0.94  | 0.177111|
| mmu-miR-183-5p       | 1.57  | 0.078161|
| mmu-miR-185-5p       | 0.98  | 0.721462|
| mmu-miR-186-5p       | 0.97  | 0.330925|
| mmu-miR-192-5p       | 0.99  | 0.865071|
| mmu-miR-194-5p       | 0.97  | 0.255591|
| mmu-miR-195a-5p      | 0.98  | 0.676294|
| mmu-miR-1a-3p        | 1.07  | 0.663588|
| mmu-miR-200c-3p      | 0.6   | 0.082836|
| mmu-miR-203-3p       | 1.97  | 0.000341|
| mmu-miR-204-5p       | 1.14  | 0.419405|
| mmu-miR-205-5p       | 1.23  | 0.048839|
| mmu-miR-206-3p       | 0.98  | 0.577617|
| mmu-miR-20a-5p       | 0.95  | 0.269971|
| mmu-miR-21a-5p       | 0.94  | 0.241312|
| mmu-miR-210-3p | 0.99 | 0.826484 |
|----------------|------|----------|
| mmu-miR-214-3p | 0.9  | 0.005633 |
| mmu-miR-218-5p | 1    | 0.897238 |
| mmu-miR-221-3p | 1.02 | 0.781708 |
| mmu-miR-222-3p | 1.27 | 0.363371 |
| mmu-miR-23a-3p | 1.01 | 0.596705 |
| mmu-miR-24-3p  | 1.01 | 0.786623 |
| mmu-miR-25-3p  | 1.05 | 0.25202 |
| mmu-miR-26a-5p | 1    | 0.962727 |
| mmu-miR-26b-5p | 1.06 | 0.322705 |
| mmu-miR-27a-3p | 1.05 | 0.299538 |
| mmu-miR298-5p  | 0.67 | 0.000111 |
| mmu-miR-29a-3p | 1.09 | 0.048376 |
| mmu-miR-29b-3p | 1.2  | 0.253167 |
| mmu-miR-29c-3p | 1.06 | 0.066093 |
| mmu-miR-30a-5p | 0.95 | 0.293773 |
| mmu-miR-30b-5p | 1    | 0.976067 |
| mmu-miR-30c-5p | 1.03 | 0.179838 |
| mmu-miR-30d-5p | 0.94 | 0.197234 |
| mmu-miR-30e-5p | 0.96 | 0.242047 |
| mmu-miR-31-5p  | 1.02 | 0.776031 |
| mmu-miR-32-5p  | 0.93 | 0.03757 |
| mmu-miR-338-3p | 1.26 | 0.466962 |
| mmu-miR-34a-5p | 1.01 | 0.872139 |
| mmu-miR-34c-5p | 0.98 | 0.577617 |
| mmu-miR-351-5p | 0.86 | 0.717421 |
| mmu-miR-365-3p | 0.9 | 0.11131 |
| mmu-miR-378a-3p | 0.91 | 0.060096 |
| mmu-miR-409-3p | 1.08 | 0.561543 |
| mmu-miR-449a-5p | 1.01 | 0.642826 |
| mmu-miR-451a | 2.94 | 0.011876 |
| mmu-miR-4661-3p | 1.15 | 0.068807 |
| mmu-miR-491-5p | 0.6 | 0.001293 |
| mmu-miR-497a-5p | 0.97 | 0.657375 |
| mmu-miR-503-5p | 0.87 | 0.123504 |
| mmu-miR-542-3p | 0.98 | 0.577617 |
| mmu-miR-708-5p | 1.44 | 0.030674 |
| mmu-miR-7a-5p | 1.16 | 0.001169 |
| mmu-miR-9-5p | 1.21 | 0.232862 |
| mmu-miR-92a-3p | 0.85 | 0.163258 |
| mmu-miR-98-5p | 1.04 | 0.544681 |