Additional file 2 Primer sequences used in the qPCR analysis

| Primers | Sequence |
| :--- | :--- |
| MX1_F | CTCCGACACGAGTTCCACAA |
| MX1_R | GGCTCTTCCAGTGCCTTGAT |
| OASL_F | TTCAGCGAGCTGCAGAGAAA |
| OASL_R | CCCTCTGCTCCACTGTCAAG |
| SPINK1_F | TGACCCTGTCTGTGGGACTG |
| SPINK1_R | TCAGCAAGGCCCAGATTTTTG |
| CRK_F | AGGCAGGGTAGTGGAGTGAT |
| CRK_R | CTTCAGGCTTGTCCCGGATT |
| GRAPL_F | CTACAGAGAGCGACGAGCTG |
| GRAPL_R | GAAGGCTCCCAGATGGTTCC |
| RNF2_F | CGAACACCTCAGGAGGCAAT |
| RNF2_R | TGCCACTTCTAAGGGCTGTG |
| VAV2_F | ACGGGGAACTGAAAGTCCG |
| VAV2_R | CCACATTTTCCCGTGAGACTTC |
| GAPDH | Cat No. B661104-0001 [Sangon |
| RPS18 | Biotech (Shanghai) Co., Ltd.] |

