**Supplementary File 1. Primers used in this study**

|  |  |
| --- | --- |
| **Name** | **Sequence (5’- 3’)** |
| GA\_35s\_F | CGTTCCAACCACGTCTTCAAAGCAAG |
| Cterm\_BFP\_Prom\_R | GTTCTCCTTAATCAGCTCGCTCATTGATCCAAATTCTCCAGATCCAGCAGC |
| Cterm\_BFP\_F | GATCTGGAGAATTTGGATCAATGAGCGAGCTGATTAAGGAGAAC |
| Cterm\_BFP\_R | TCTAGCATGGCCGCGGGATTTAGTGCCCCAGTTTGCTAGG |
| GA\_RD54\_F | CTGGATCTGGAGAATTTGATGTTGGTCCCTCTTGGCT |
| GA\_RD54\_R | TAGCATGGCCGCGGGATTTACACAATTTCCCAGTCG |
| GA\_LIR2\_R | TAGCATGGCCGCGGGATTTAAGCAATTTCCGCGTCG |
| GA\_Joka2\_BFP\_F | CAGGCGGCCGCACTAGTGATATGGCTATGGAGTCATCTATTGTGATCAAGG |
| GA\_Joka2\_BFP\_R | GCAGATCCAGCAGATCCGATCTGCTCTCCAGCAATAAGATCCATCACAAC |
| GA\_Joka2Δ1-487\_F | CAGGCGGCCGCACTAGTGATGGATCGTCCTCTAACTTACCCGAATCCCTCA |
| GA\_ATG9\_F | CAGGCGGCCGCACTAGTGATGATGTTTGGTGGACAAAAAGG |
| GA\_ATG9\_R | GCAGATCCAGCAGATCCGATAACAAGATCTGAAGGATCTAACTTTCT |
| hpATG9\_F | ACCAGGTCTCAGGAGAGGGTTGCTTGATGATGTGC |
| hpATG9\_R | ACCAGGTCTCATCGTATTCCACAGCATCCATTCCAC |
| hpATG4\_F | ACCAGGTCTCAGGAGGAACCAGGACCAAGCAGTAAC |
| hpATG4\_R | ACCAGGTCTCATCGTTACTTTTGGTCATGCGGCTG |
| hpGUS\_F | ACCAGGTCTCAGGAGTAAAGAGCTGATAGCGCGTGAC |
| hpGUS\_R | ACCAGGTCTCATCGTTGTCGGTGTACATTGAGTGCAG |
| RT\_ATG4\_F | CGTTGGTTCTTGGACTTGAC |
| RT\_ATG4\_R | TTATCGTAAACAAAGGAGCACC |
| RT\_ATG9A\_F | CCCAATGGAGTGCGCAT |
| RT\_ATG9A\_R | ACGAAATAAACTTTGCGACGAC |
| RT\_ATG9B\_F | GGCCCTAATGGAGTGCATAG |
| RT\_ATG9B\_R | CAAAAGAAATGAACTTGCGATGAT |