**Table S5:** Primers used for dsRNAsynthesis and for verification of knockdown of target genes and RNAi silencing efficiencies.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Gene Name** | **AGAP#** | **Primer Name** | **Primer sequence** | **First description** | **% silencing** |
| wAPL1 |   | T7-wAPL1-F | TAATACGACTCACTATAGG ATATAACACTAAACAACC | Mitri *et al.,* 2009 | 81 |
| wAPL1 | T7-wAPL1-R | TAATACGACTCACTATAGG AAAGATCCACGTCAACCA | Mitri *et al.,* 2009 |
| APL1A | AGAP007036 | T7-APL1A-F | TAATACGACTCACTATAGG ACTACCACCAGCCGAAAGATG | Mitri *et al.,* 2009 | 76 |
| APL1A | T7-APL1A-R | TAATACGACTCACTATAGG ATCTGGTCTTGTATAGTACAATGG | Mitri *et al.,* 2009 |
| APL1A | APL1A-VF | GTAAACGAGCTGAGGACTGCGGTGCAGC | Mitri *et al.,* 2009 |
| APL1A | APL1A\_V\_2R | TCCATCTGGTCCTTGAGCTT | - |
| APL1B | AGAP007035 | T7-APL1B-F | TAATACGACTCACTATAGG ACTCGCAAAGCTCAGCAAACAC | Mitri *et al.,* 2009 | 86 |
| APL1B | T7-APL1B-R | TAATACGACTCACTATAGGAGTGAGAACAAATAAGTTCAAAGTCC | Mitri *et al.,* 2009 |
| APL1B | APL1B\_V\_2F | TGCAGATTCTGTTGAGACAGC | - |
| APL1B | APL1B\_V\_2R | AACGACGAATCTTGTGTGTTTG | - |
| APL1C | AGAP007033 | T7-APL1C-F | TAATACGACTCACTATAGG AGGCCAAGAAGAACCGCAATCC | Mitri *et al.,* 2009 | 79 |
| APL1C | T7-APL1C-R | TAATACGACTCACTATAGG ATCACAGTGATTTCAGGGTGTGC | Mitri *et al.,* 2009 |
| APL1C | APL1C-VF | CTGCTGCAGGGGCTACACGCC | Mitri *et al.,* 2009 |
| APL1C | APL1C-VR | GGCCCAAGTAACATCATACAC | Mitri *et al.,* 2009 |
| LRIM | AGAP006348 | LRIM-RNAi-F | TAATACGACTCACTATAGGCCAAGGCTCGGAAACGGAGCGG | - | 62 |
| LRIM | LRIM-RNAi-R | TAATACGACTCACTATAGGTACATATCCCAATCGCGGATGGC | - |
| LRIM | LRIM-RNAi-VeriF | TACGACGTTAAGGGACAGG |  - |
| TEP1 | AGAP010815 | Tep1-RNAi-F | TAATACGACTCACTATAGGTTTGTGGGCCTTAAAGCGCTG | Dong et al., 2006 | 92 |
| TEP1 | Tep1-RNAi-F | TAATACGACTCACTATAGGACCACGTAACCGCTCGGTAAG | Dong et al., 2006 |
| TEP1 | Tep1-RNAi-VeriF | GGTGAATCAACGGTACGTTA | Dong et al., 2006 |
| LRRD7 | AGAP005693 | LRRD7-RNAi-F | TAATACGACTCACTATAGTCGGTGAGCAACAGTTTGAC | Dong et al., 2006 | 91 |
| LRRD7 | LRRD7-RNAi-R | TAATACGACTCACTATAGCTTCATTCCCGCTAATGCTC | Dong et al., 2006 |
| LRRD7 | LRRD7-RNAi-VeriF | CGCCACGATCGAAAGCACCGCGT | Dong et al., 2006 |
| CASPAR | AGAP006473 | CasparRNAi\_L | TAATACGACTCACTATAGCCGCTTTTCTAAACGCTGTC | Garver et al., 2009 | 64 |
| CASPAR | CasparRNAi\_R | TAATACGACTCACTATAGAAACAGGTTGCATGTGTGGA | Garver et al., 2009 |
| CASPAR | CasparVerify R | GAACGGCTGCGCTTTAACA | Garver et al., 2009 |
| IMD | AGAP004959 | IMD-RNAi-F | TAATACGACTCACTATAGGGGAATTTCCCAAATGGTGTG | - | 55 |
| IMD | IMD-RNAi-R | TAATACGACTCACTATAGGG TGTGTAGATTGCTCGCGTTC | - |
| IMD | IMD-Veri-F | CGAGACTATGGCTCACACCA | - |
| CaspL1 | AGAP011693 | CaspL1RNAi\_L | TAATACGACTCACTATAGGGCGGCGTGGAGAGTAATGTTT |   | 76 |
| CaspL1 | CaspL1RNAi\_R | TAATACGACTCACTATAGGGTTCGAGCGATGACGTTACTG |  |
| CaspL1 | CaspL1Verify R | GAAAATGCGCAAAAATTGGT |   |
| Rel2 (all) | AGAP006747 | Rel2 rhdRNAi\_L | TAATACGACTCACTATAGGGCGGAGAAGTCGAAGAAAACG | Meister, et al., 2005 | 55 |
| Rel2 (all) | Rel2 rhdRNAi\_R | TAATACGACTCACTATAGGGCACAGGCACACCTGATTGAG | Meister, et al., 2005 |
| Rel2-long | AGAP006747 | Rel2 ankRNAi\_L | TAATACGACTCACTATAGGGAATCCGACGCAACGATACG | Meister, et al., 2005 | 62 |
| Rel2-long | Rel2 ankRNAi\_R | TAATACGACTCACTATAGGGGACCGCAATGTGAAGGATG | Meister, et al., 2005 |
| Ikk-gamma | AGAP005933 | IkkgRNAi\_L | TAATACGACTCACTATAGGGTCTGTCCAAGCACATCGAAC |   | 72 |
| Ikk-gamma | IkkgRNAi\_R | TAATACGACTCACTATAGGGCACTTGTTCCGCTGTTTTCA |  |
| Ikk-gamma | IkkgVerify R | AGCCTGCTGTACCATTTTCG |   |
| FADD | AGAP007173 | FADDRNAi\_L | TAATACGACTCACTATAGGGCTGGCACTGGACACAAAAGA |   | 82 |
| FADD | FADDRNAi\_R | TAATACGACTCACTATAGGGTTCCAGCTTTTGCCAATTTC |  |
| FADD | FADDVerify R | TAATACGACTCACTATAGGGCAGCGTCATCGTACTGCATC |   |
| TAK1 |  | TAK1RNAi\_L | TAATACGACTCACTATAGGGCCGTCGGGAAAGGTTCC |  | 99 |
| TAK1 | TAK1RNAi\_R | TAATACGACTCACTATAGGGGACGAACCCTCAAACACTTCC |   |
| TAK1 |  | TAK1veri | CCGTCGGGAAAGGTTCC |  |  |

F - forward primers, R - reverse primers, and V or Veri –- verification primers. For validation of wAPL1, we used the verification primers for all APL1s (A, B, and C), since wAPL1 (whole APL1) is a fragment of the DNA that is conserved among the three APL1 genes. % silencing: mean knock-down efficiencies from at least three replicates.