**Table S5** List of oligonucleotide primers used for riboprobes, DNA oligonucleotide probes, qRT-PCR, and DNA cloning

|  |  |  |
| --- | --- | --- |
| **Gene locus and/or name** | **Primer name** | **Sequence** |
|  |  | **Riboprobe generation** |
| *PITG\_21388*(*PiAvrblb1*) | 21388 -FW21388-RV | ATATACTAGTCTCCTGTTGACCGTGCTTTTATATGCGGCCGCCTAGCTAGGGCCAACGTTTTT |
| *PITG\_07387*(*PiAvr4*) | 07387-FW07387-RV | ATATACTAGTATGCGTTCGCTTCACATTTTATATGCGGCCGCGGCCGTCTAGCTTGGAGAC |
| *PITG\_20300/20303*(*PiAvrblb2*) | 20300-FW20300-RV | ATATACTAGT ATGCGCAGTTTTCTCTACGGATATGCGGCCGCCTTCGTCATTTTTGCTTTTGC |
| *PITG\_14371*(*PiAvr3a*) | 14371-FW14371-RV | ATATACTAGTCGTCTGGCAATTATGCTGTCTATATGCGGCCGCCAGGTGCATCAGGTAGCTATTG |
| *PITG\_06308* | 06308-FW06308-RV | ATATACTAGTTTGATCATTTTCGTCGCTTTCATATGCGGCCGCTCAAAGAGCACGACATACTCC |
| *PITG\_06478* | 06478S-FW06478S-RV06478AS-FW06478AS-RV | TAATACGACTCACTATAGGGAGACTGCTTATGGCTGCCTTCTTCCGATAGGGTTGTCGTTGTCCTGCTTATGGCTGCCTTCTTTAATACGACTCACTATAGGGAGACCGATAGGGTTGTCGTTGTC |
| *PITG\_14783* | 14783-FW14783-RV | ATATACTAGTGCGTCTTCCTTACGTGTTCGATATGCGGCCGCGGTGGCTTCTTCTTCTTGTTTT |
| *PITG\_15123* | 15123-FW15123-RV | ATATACTAGTCTGTGTGCGATTGCAACTTTATATGCGGCCGCTGAGGAGGAGCCATCTTTTT |
| *PITG\_16240* | 16240-FW 16240-RV | ATATACTAGTCTGTGTTTGGCGCTGATGATATGCGGCCGCTTCCACCACTTCTTCGACTTC |
| *PITG\_18133* | 18133-FW18133-RV | ATATACTAGTGGGTATGGCGAGAAGTGTGTATATGCGGCCGCTCAAGTGACCACCGAATGTG |
| *PITG\_18215*(*PiAvr3b*) | 18215-FW18215-RV | ATATACTAGTACTGCGATCCTGACCTATGGATATGCGGCCGCCTTTGCGGTCAGGACGTTAT |
| *PITG\_14736* | 14736S-FW14736S-RV14736AS-FW14736AS-RV | TAATACGACTCACTATAGGGAGAGCGTCTGTCCTGCGTCTATCGCGGTACAGCATACGGAGATGCGTCTGTCCTGCGTCTATCTAATACGACTCACTATAGGGAGAGCGGTACAGCATACGGAGAT |
| *Gypsy Pi-1a* | GypsyPi11-FWGypsyPi11-RVGypsyPi12-FWGypsyPi12-RVGypsyPi13-FWGypsyPi13-RVGypsyPi14-FWGypsyPi14-RV | ATATACTAGTTGTAACGGGGTACGTAGCCATATGCGGCCGCGTGGGAACATGACTCACCAAATATACTAGTCTCTGTCAGGACCCGGGGATATGCGGCCGCTATTTCATTGCCAGGAGCTCCATATACTAGTTGCCCTTGTGAAGTTCCGATATGCGGCCGCGGAATCAGGGCGAGCTCGATATACTAGTAGCATCACCGCCAGTCCCATATGCGGCCGCTGTGACGGGGTCACACAG |
| *Satellite-2* | Satellite2S-FWSatellite2S-RV | TAATACGACTCACTATAGGGAGAGATTTGAGAAGCAGGCAAGCGGGCTAAGGCCGTATCTACC |
|  |  | **DNA oligonucleotide probes** |
| *PITG\_22969* |  | AAGGACTTGTGCACCGTGGATCCTG |
| *PITG\_21388* |  | ACGTGTTGGGCTCTTTTGTGACCT |
| *Copia3-LTR-21* |  | CCGGTCTCCGCACCAAGTGCA |
| *Crypton-6* |  | CTACGGCTGAGCTACGGGGGC |
| *Copia3-LTR-40* |  | GATCCCGCTGTGATTATGGTA |
| *U4-snRNA* |  | GAGTAGTTTTCAACTAGCAAT |
|  |  | **qRT-PCR** |
| *PITG\_14371*(*PiAvr3a*) | Avr3a TAQFAvr3a TAQR | CGCCATAAACTTTGCAACCATGCCGGCTGAATCGTGTAT |
| *PITG\_18215*(*PiAvr3b*) | Avr3b-QFWAvr3b-QRV | CATCAGAACTGGGACGCTCTGGAGTACGCTCTCAGCCATC |
| *PITG\_16663*(*PiAvr1*) | qRTPCR\_16663bFoqRTPCR\_16663bRe | GAGCAAGATCGACGAGTTCACCTCAGGTGATCCTCCACTT |
| *PITG\_06308* | qNud-fqNud-r | TCTCCGACCCAACAAGCATTTCGCCCCTCTGTCTTCACCT |
| *PITG\_21388*(*PiAvrBlb1*) | QrtIpiO1\_For QrtIpiO1\_Rev  | TGCGTTCGCTCCTGTTGACGGTGTTGAGATTGGATGAAAC  |
| *PITG\_20303*(*PiAvrBlb2*) | QrtBlb2Fam\_ForQrtBlb2Fam\_Rev  | CGAGTCTCGCCCCTTGTGTTTTTCCAGAACCCACCAT  |
| *PITG\_07387*(*PiAvr4*) | qRTPITG\_07387FoqRTPITG\_07387Re | GCGCTCCTGAAGTATGTCAATCTAGCTTGGAGACGGGATT |
| *PITG\_23226* | 23226-QFW23226-QRV | GGACAGTTCAAGACCGAAGCGTCACTCCGCCCACTACTGT |
| *PITG\_15117*(*PiActA*) | ActAFActAR | CATCAAGGAGAAGCTGACGTACAGACGACTCGGCGGCAG |
| *PITG\_14783* | 14783RT-FW14783RT-RV | ATTTGAAGCGGGGAATTCTTTACTCGTCCGTTTGCATGAG |
| *PITG\_14736* | 14736RT-FW14736RT.RV | CATCGCAAGCGCTAATGCTGTGAACTGAAACTTCTGGTGATGC |
| *PITG\_15123* | 15123RT-FW15123RT-RV | GGAGAAGAGCAACTGGCAACCAATTCCACTCGAACCCACT |
| *PITG\_18133* | 18133RT-FW18133RT-RV | GGTGGCTGACTTGAAGAAGGGAGAAGGGAGCCACTTGTTG |
| *PITG\_22969* | 22969RT-FW22969RT-RV | CGATCAAGGCGAAGAAGAAGCAAGCGAGAAGAGAGCCACT |
|  |  | **Cloning of hairpin constructs** |
| *PITG\_09292*(*PiDcl1*) | DicerA-FWDicerA-RVDicerB-FWDicerB-RV | ATATGGCCGGCCTTCGCAACGACAGACTCAACATATCCTGCAGGGTGACTGTTGCCACCATTTGATATCCGCGGTTCGCAACGACAGACTCAACATATGGCGCGCCGTGACTGTTGCCACCATTTG |
| *PITG\_09951*(*PiRnh5*) | Rnh5A-FWRnh5A-RVRnh5B-FWRnh5B-RV | ATATGGCCGGCCGTGTCGCTTAGTCGCATGAAATATCCTGCAGGCTCGGTTCTGTTCTCCTTCGATATCCGCGGGTGTCGCTTAGTCGCATGAAATATGGCGCGCCCTCGGTTCTGTTCTCCTTCG |
| *PITG\_04470*(*PiAgo1*) | Ago1A-FWAgo1A-RVAgo1B-FWAgo1B-RV | ATATGGCCGGCCAAGACTCCGAGCCCGTTATTATATCCTGCAGGCTCCTCTACGAAGGCAGTGGATATCCGCGGAAGACTCCGAGCCCGTTATTATATGGCGCGCCCTCCTCTACGAAGGCAGTGG |
| *PITG\_01400*(*PiAgo3*) | Ago3A-FWAgo3A-RVAgo3B-FWAgo3B-RV | ATATGGCCGGCCTTACGATGATCGCAGCAGTCATATCCTGCAGGACACAGGGTCGCCAATACTCATATGGCGCGCCTTACGATGATCGCAGCAGTCATATGGCGCGCCACACAGGGTCGCCAATACTC |
| *PITG\_01443*(*PiAgo4*) | Ago4A-FWAgo4A-RVAgo4B-FWAgo4B-RV | ATATGGCCGGCCGAGTGGTGGTGGACGCTAATATATCCTGCAGGTAGAGCTCGCATTTCGGTTTATATCCGCGGGAGTGGTGGTGGACGCTAATATATGGCGCGCCTAGAGCTCGCATTTCGGTTT |
| *PITG\_01444*(*PiAgo5*) | Ago5A-FWAgo5A-RVAgo5B-FWAgo5B-RV | ATATGGCCGGCCCTGCCAATATGACGATGGTGATATCCTGCAGGCAGACATGCGCTTCACATCTATATCCGCGGCTGCCAATATGACGATGGTGATATGGCGCGCCCAGACATGCGCTTCACATCT |