**Table S3** Predicted miRNA sequences and the genomic location of their origin

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **miRNA candidates** | **Length in nt** | **Genomic location** |
|  |  |  |  |
| PimiRNA1 | UUACACGCGUACAGCUAACCGUCA | 24 | 50 bp upstream *PITG\_00222* |
| PimiRNA2 | ACGUUAAGUCAUAGUAACGAG | 21 | *PITG\_12887* first exon |
| PimiRNA3 | UCUGGUCAAGCUUGUUUGAGUGUG | 24 | Intergenic |
| PimiRNA4 | CGUCAUGGUGCCGCCUGAACCAA | 23 | Intergenic |
| PimiRNA5 | AUCGGGCAACAGCUGUCCGUAU | 22 | 500 bp downstream *PITG\_17805* |
| PimiRNA6 | UGGCUCGAUCUACGGUGCAGU | 22 | *PITG\_00907* first exon |