**Table S1.** DNA sequence of the primers employed for PCR amplification of the different repetitive DNAs assayed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Region | Primer  Name | Sequence | Amplicon  Size (bp) | Annealing  Temperature (ºC) | Source |
| rDNA 5S | 5S\_A | 5’TCAACCAACCACAAAGACATTGGCAC-3’ | 400 | 55 | [1] |
|  | 5S\_B | 5’TAGACTTCTGGGTGGCCAAAGGAATCA-3’ |  | 55 |  |
| rDNA 18S | NS1 | 5’GTAGTCATATGCTTGTCTC-3’ | 1839 | 54 | [2] |
|  | NS8 | 5’TCCGCAGGTTCACCTACGGA-3’ |  | 54 |  |
| ITS | SBR | 5′GTAGGTGAACCTGCAGAAGG-3’ | 1670 | 54 | [3] |
|  | JM5 | 5′TACCGGCCTCACACCGTCC-3’ |  | 54 |  |
| H1 histone | H1\_F | 5’ATGGCAGAARYCGMCCAG-3’ | 620 | 54 | [4] |
|  | H1\_R | 5’TACTTCTTCTTGGGSGCTGC-3’ |  | 54 |  |
| H3 histone | H3\_F | 5’ATGGCTCGTACCAAGCAGACVGC-3’ | 374 | 54 | [5] |
|  | H3\_R | 5’ATATCCTTRGGCATRATRGTGAC-3’ |  | 54 |  |
| H4 histone | H4F2s | 5′TSCGIGAYAACATYCAGGGIATCAC-3’ | 214 | 58 | [6] |
|  | H4F2er | 5’CKYTTIAGIGCRTAIACCACRTCCAT-3’ |  | 58 |  |
| *Rex*1 retrotransposon | RTX1-F1 | 5’TCCCTCAGCAGAAAGAGTCTGCTC-3’ | 575 | 55 | [7] |
|  | RTX1-R1 | 5’TCCCTCAGCAGAAAGAGTCTGCTC-3’ |  | 55 |  |
| *Rex*3 retrotransposon | RTX3-F1 | 5’CGGTGAYAAAGGGCAGCCCTG-3’ | 325 | 55 | [8] |
|  | RTX3-R1 | 5’TGGCAGACNGGGGTGGTGGT-3’ |  | 55 |  |

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