**Table S1.** Numbers of *Boesemania microlepis* individuals and SNPs following the filtering steps

|  |  |  |
| --- | --- | --- |
| Filtering steps | No. of SNPs | No. of individuals |
| Raw SNPs | 231145 | 206 |
| Biallelic loci | 215806 | 206 |
| Remove Indel | 165447 | 206 |
| MinQ ≥ 30 | 165447 | 206 |
| meandp ≤ 5 | 92133 | 206 |
| Max-missing (90%) | 86764 | 206 |
| AB | 46884 | 206 |
| MQM | 41361 | 206 |
| PAIR | 37943 | 206 |
| MAF 0.05 | 12990 | 206 |
| Missing-indv | 12990 | 113 |
| HWE < 0.001 | 12401 | 113 |
| Rad\_haplotyper | 4210 | 113 |
| Filter\_one\_SNPs | 638 | 113 |
| Ho > 0.35 | 638 | 104 |