|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analyses | Missing Genotypes per SNP | Taxa | SNP Thinning | Retained SNPs |
| IBD | <50% | Rcla | All SNPs | 64,149 |
| IBD | <40% | Rcla | All SNPs | 28,283 |
| IBD | <30% | Rcla | All SNPs | 9,459 |
| LEA + tess3R | <50% | Rcla + Roka | One SNP per 10 kbp | 7,933 |
| LEA + tess3R | <40% | Rcla + Roka | One SNP per 10 kbp | 3,966 |
| LEA + tess3R | <30% | Rcla + Roka | One SNP per 10 kbp | 1,224 |
| LEA + tess3R | <50% | Rcla | One SNP per 10 kbp | 8,498 |
| LEA + tess3R | <40% | Rcla | One SNP per 10 kbp | 3,794 |
| LEA + tess3R | <30% | Rcla | One SNP per 10 kbp | 1,328 |

**Table S2** Population genetic datasets. Rcla = *Rana clamitans*, Roka = *Rana okaloosae*.