|  |  |
| --- | --- |
| iPyrad Assembly Paramter | Setting |
| assembly\_method | reference |
| datatype | ddrad |
| restriction\_overhang | TGCAG, CCG |
| max\_low\_qual\_bases | 5 |
| phred\_Qscore\_offset | 33 |
| mindepth\_statistical | 6 |
| mindepth\_majrule | 6 |
| maxdepth | 10,000 |
| max\_barcode\_mismatch | 0 |
| filter\_adapters | 2 |
| filter\_min\_trim\_len | 35 |
| max\_alleles\_consens | 2 |
| max\_Ns\_consens | (5,5) |
| max\_Hs\_consens | (8,8) |
| max\_SNPs\_locus | (20,20) |
| max\_Indels\_locus | (8,8) |
| max\_shared\_Hs\_locus | 0.5 |
| trim\_reads | 0, 100, 0, 0 |
| trim\_loci | 0, 0, 0, 0 |
| min\_samples\_locus | 4 OR 20 OR 40 |

**Table S2** iPyrad assembly parameters. See <https://ipyrad.readthedocs.io/> for more information about each parameter.