**Additional file 1. The cluster analysis and RAD assembly of sample “F2A”.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample name | Cluster Tag number | Clean Tag number | Total contig base (bp) | Total contig number | Average contig length (bp) | N50 length (bp) | GC (%) |
| F2A | 869,782 | 272,347 | 69,799,531 | 242,137 | 288.3 | 300 | 40.50 |