The SNP data comes from the following article:

Burrell AM, Pepper AE, Hodnett G, Goolsby JA, Overholt WA, Racelis AE, Diaz R, Klein PE (2015) Exploring origins, invasion history and genetic diversity of Imperata cylindrica (L.) P. Beauv. (Cogongrass) in the United States using genotyping by sequencing. Molecular Ecology 24(9): 2177-2193. <http://dx.doi.org/10.1111/mec.13167>

It was deposited as a dryad data package:

Burrell AM, Pepper AE, Hodnett G, Goolsby JA, Overholt WA, Racelis AE, Diaz R, Klein PE (2015) Data from: Exploring origins, invasion history and genetic diversity of Imperata cylindrica (L.) P. Beauv. (Cogongrass) in the United States using genotyping by sequencing. Dryad Digital Repository. <http://dx.doi.org/10.5061/dryad.k2d05>

In order to run FLOCK SNP 3.1, we used the following code:

A->1, C-> 2, G->3, T-> 4

All other characters were replaced by 0 which stands for missing data.

After verifying that the first 1500 markers did not bring any extra resolution to the first 1000 markers, we only retained the first 1000 and the results shown correspond to this reduced dataset.