The SNP data comes from the following article:

Cronin MA, Rincon G, Meredith RW, MacNeil MD, Islas-Trejo A, Canovas A, Medrano JF (2014) Molecular phylogeny and SNP variation of polar bears (Ursus maritimus), brown bears (U. arctos) and black bears (U. americanus) derived from genome sequences. Journal of Heredity 105(3): 312-323. <http://dx.doi.org/10.1093/jhered/est133>

It was deposited as a dryad data package:

Cronin MA, Rincon G, Meredith RW, MacNeil MD, Islas-Trejo A, Canovas A, Medrano JF (2014) Data from: Molecular phylogeny and SNP variation of polar bears (Ursus maritimus), brown bears (U. arctos) and black bears (U. americanus) derived from genome sequences. Dryad Digital Repository. <http://dx.doi.org/10.5061/dryad.1qp80>

In order to run FLOCK SNP 1.0, 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