Figure S5 continue

(A) Random seed = 1000
Bayesian Deviance = 16.2418

(B) Random seed = 2000
Bayesian Deviance = 22.4564

(C) Random seed = 2000
Bayesian Deviance = 22.4564
**Figure S5** BAYESASS 3.0 Trace-plot and analysis parameters from five parallel runs (A-E) to detect the lowest Bayesian deviance and examine convergence. The X-axis is log probability. The Y-axis is number of Bayesian iterations. The gray shaded trace represents the burn-in. Random. Running was performed for five distinct random seed starting with 1000 and increasing of 500 for each run. In all running the conduction are: MCMC iterations = 10,000,000; burn-in =1,000,000; Sampling interval =2,000; all mixing parameters set as default (0.10), with exception for allele frequencies; DA= 0.3 and inbreed coefficient; DF = 0.3).