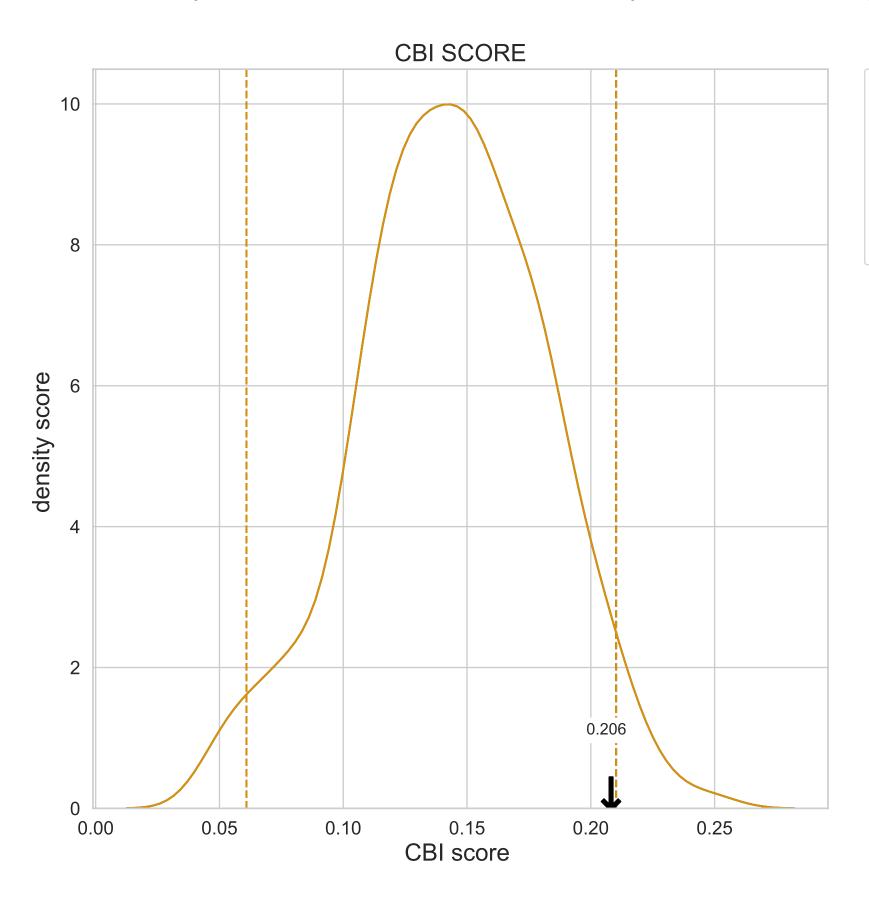Graph on simulated data from the sequence MG595979_1 Homo sapi