Response to Reviewer 3 Comments

Point 1. In the “2.3. Intra-racial genetic diversity” section: Instead of “by means of the chain method of Monte Carlo Marcov”, the authors would better write “by Markov chain Monte Carlo (MCMC) method”

Response 1: The phrase “by means of the chain method of Monte Carlo Marcov” has been changed by “by Markov chain Monte Carlo (MCMC) method”.

Point 2. Figure 3. The names of all the breeds but Creole are missing. All the breeds’ names should be presented in the figure. Instead of “dendrogram of union of neighbors” it would be correct “Neighbor-Net dendrogram”

Response 2: The names of all breeds have been added in the caption of Figure 3.

Point 3. In Discussion, in the sentence “In the present study, 29 sheep of the Oaxacan Creoles population were genetically characterized” the authors should emphasize that one third of the sheep population was genotyped.

Response 3: In the discussion, the use of one third of the population was mentioned

Point 4. The authors mention twice Reynolds distances in the Results. However, these distances were not calculated.

Response 4: The Reynolds distance was a mistake and has been corrected in the results and discussion section.