

Review report and general comments on the research article entitled
“The First Brazilian Bovine Breed: Structure and Genetic Diversity of
the Curraleiro Pé-Duro”

Authors are requested to please consider and make following corrections in the manuscript.

Line 1: ‘t’ missing from department

Line 24: mating to be replaced by meeting

Line 32: shift ‘were used’ after “C”

Line 35: replace ‘submitted’ by ‘subjected’

Line 37: insert ‘an’ after on and change the sentence as below

On average, the effective alleles were 4.25 per marker, giving the average heterozygosities of 0.74 (observed and expected), which was lower in herd A (0.70) in comparison to herds B (0.77) and C (0.74).

Line 47: include the name of breed in key words

Line 58: insert full stop (.) after word ‘dynamics’, delete ‘in the case of’ and start the sentence with ‘The’

Line 63: ‘discuss’ to be changed to ‘discussed’

Line 72: replace ‘structure and diversity’ by ‘genetic diversity’

Line 72-73: delete ‘in the case of’ and delete ‘they’ and reframe sentence.

Line 83: replace ‘come from’ by ‘originated and evolved’

Line 98-99: sentence may be deleted

Line 137-141: rewrite the sentence to make it grammatically correct

Line 148: Prichard *et al.*, 2000

Line 171-179: there is repetition, please correct it.

Line 184: replace ‘observed in H_e ’ by ‘as expected heterozygosity’

Line 189: ‘Hard’ to be corrected as ‘Hardy’

Line 191-193: replace ‘populationfemales’ by idealized
population

Line 202: word ‘herd’ is repeated .

Line 243: delete bracket with cluster

Line 251: include only year in bracket, name of author should be out of bracket

Line 262: ‘74%’ should be in bracket

Line 268: change 0.73 to 0.74

Line 290: only year should be in bracket and not the name of author

Table 1: correct the spelling of sequence in column heading wrongly typed as
‘sequency’

Table 2: In first column ‘B’ is repeated, make ‘B’ in third row as ‘C’. Also
delete word ‘population’ from column. Make similar in row and
column

Table 4: change the ‘population’ to ‘subpopulation’

Table 6: recheck the table 6 for correct interpretation