

Introduction:

"Finally, although not a focus of this study, we also examine the assay performance on two other subspecies of bighorn sheep; desert (*Ovis canadensis nelsoni*) and Sierra Nevada (*Ovis canadensis sierrae*) bighorn sheep which diverged from Rocky Mountain bighorn sheep ~94 and ~315 kya, respectively (Buchalski et al., 2016),"

should be

"Finally, although not a focus of this study, we also examine the assay performance on another subspecies of bighorn sheep desert bighorn sheep (*Ovis canadensis nelsoni*) which diverged from Rocky Mountain bighorn sheep ~94 kya (Buchalski et al., 2016), and also how it performs on individuals from the California bighorn sheep, a lineage of Rocky Mountain bighorn sheep found west of the Rocky Mountains.""

Table 1:

The title "Sierra Nevada bighorn sheep" is substituted for "California bighorn sheep".

Methods:

"we sequenced a total of 96 samples: 80 Rocky Mountain bighorn sheep (40 individuals in duplicate), four desert bighorn sheep, four Dall sheep, four Sierra Nevada bighorn sheep, and four Stone sheep using both kits. "

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"we sequenced a total of 96 samples: 80 Rocky Mountain bighorn sheep (40 individuals in duplicate), four desert bighorn sheep, four Dall sheep, four California bighorn sheep, and four Stone sheep using both kits. "

Discussion:

"Of the sub-species of bighorn sheep, desert bighorn had the highest efficiency, which is expected given desert and Rocky Mountain bighorn sheep diverged more recently than Rocky Mountain and Sierra Nevada bighorn sheep (Buchalski et al., 2016). We see a further reduction in efficiencies for Dall and stone sheep, with efficiencies of ~33% and ~32% for the 10k SNP assay and ~21% and ~17% for the 50k SNP assay, respectively, which is expected given that bighorn and thimhorn sheep diverged ~1 mya (Rezaei et al., 2010). "

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"Thus, we see a reduction in efficiencies for Dall and stone sheep, with efficiencies of ~33% and ~32% for the 10k SNP assay and ~21% and ~17% for the 50k SNP assay, respectively, which is

expected given that bighorn and thinhorn sheep diverged ~1 mya (Rezaei et al., 2010)." as the results are likely due to the small sample size of both California and desert bighorn."