**Supplementary Table 1:** Characterization of the samples by species, breed, origin, and number of sequenced animals

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| --- | --- | --- | --- |
| **Species** | **Breed** | **Origin** | **Number of animal** |
| *Capra hircus* | Nubian | Sudan | 7 |
| *Capra hircus* | Desert | Sudan | 5 |
| *Capra hircus* | Nilotic | Sudan | 7 |
| *Capra hircus* | Taggar | Sudan | 7 |
| *Capra hircus* | Saanen | Sudan (Netherland) | 2 |
| *Capra aegagrus aegagrus* | Bezoar ibex | Germany | 2 |
| *Capra nubiana* | Nubian ibex | Sudan | 2 |
| *Capra ibex*  | Alpine ibex | Germany | 1 |