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| **Table S1** Summary of sample collection and genetic analyses performed on brown bear (*Ursus arctos*) from the Cantabrian Mountain | | | |
|  | Subopulation | |  |
|  | Eastern | Western | Total |
| No. of samples | 116 | 36 | 152 |
| No. of faece samples | 11 | 19 | 30 |
| No. of hair samples | 105 | 17 | 122 |
| Possitive samples for amplification\* | 70 | 20 | 90 |
| Accepted genotypes\*\* | 26 | 12 | 38 |
| No. of males succesfully sexed | 29 | 6 | 35 |
| No. of females succesfully sexed | 6 | 2 | 8 |
| \* Samples with genotypes amplified for ≥ 7 loci | | | |
| \*\* Samples with genotypes amplified for ≥16 and ≥14 loci in eastern and western subpopulations, respectively used for the analyses. | | | |