**Table S1. Primer pairs used for detecting lemming species.** Primer pairs and corresponding COI-fragment used for detection of lemming genera *Lemmus* and *Dicrostonyx*.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Forward primer** | **Reverse primer** | **COI-fragment amplified (consensus sequence)** |
| ***Lemmus*** | TAGGRACAGCCCTAAGTATCC | CAAAYGCATGTGCAGTGACAATA | taattcgrgcagaacttggacaaccgggggccctcctaggggacgatcaaatctataacgt |
| ***Dicrostonyx*** | GTAGGRAMAGCCCTTAGCATTT | AATGCATGGGCTGTTACRACC | taatccggscagaacttggccaaccaggygccctactaggrgaygatcaaatctacaatgt |