Supplemental Information for:

**Multiple species-specific molecular markers using nanofluidic array as a tool to detect prey DNA from carnivore scats**

Di Bernardi Cecilia$^{1,2}$, Camilla Wikenros$^2$, Eva Hedmark$^2$, Luigi Boitani$^1$, Paolo Ciucci$^1$, Håkan Sand$^2$, Mikael Åkesson$^2$

Affiliations:

$^1$Department of Biology and Biotechnologies “Charles Darwin”, University of Rome La Sapienza, Viale dell’Università 32, 00185, Rome, Italy

$^2$Grimsö Wildlife Research Station, Department of Ecology, Swedish University of Agricultural Sciences, 739 93 Riddarhyttan, Sweden

Corresponding author: Cecilia Di Bernardi, cecilia.dibernardi@uniroma1.it
Appendix S6. Location of wolf scats (n = 80) collected during winters (October - March) from 2009 to 2018 in Sweden.
Appendix S7. Flow chart of the threshold setting procedure to get a binary detection for prey species in each scat sample, for each scenario of minimum amplifying markers required to determine the presence of DNA from a target species.