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 Wikenros², Eva Hedmark², Luigi Boitani¹, Paolo Ciucci¹, Håkan Sand², Mikael Åkesson²

Affiliations:

¹Department of Biology and Biotechnologies "Charles Darwin", University of Rome La Sapienza, Viale dell'Università 32, 00185, Rome, Italy ²Grimsö 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.

