

**Data S2.** *Blastocystis* subtypes identified by Sanger- and NGS-based (including unique OTUs information and percentage of reads) methods in each carnivore-positive sample in Spain are presented.

<b>Sample ID</b>	<b>Host species</b>	<b>Province</b>	<b>Autonomous Region</b>	<b>Sex</b>	<b>Age</b>	<b>Subtype (Sanger)</b>	<b>Subtype [Unique OTU ID# (% of reads)]</b>
113	Red fox	Ciudad Real	Castile-La Mancha	Female	Adult	ST7*	ST7 [7a (39.9)/7c (29)/7b (28.8)/7e (2.2)]
123	Red fox	Álava	Basque Country	Female	Adult	ST14	ST14 [14(100)]
127	Red fox	Badajoz	Extremadura	Unknown	Adult	ST1*/ST2*/ST4	ST4 [4 (47.4)]; ST2 [2a (24.4)/2b (12.9)]; ST1 [1a (12.1)/1b (3.3)]
156	Red fox	Badajoz	Extremadura	Unknown	Adult	ST1/ST2/ST7*	ST7 [7a (60.2)/7d (27.3)/7b (11.2)]; ST1 [1c (0.8)]; ST2 [2c (0.5)]
145	European polecat	Cáceres	Extremadura	Male	Adult	ST14	ST14 [14 (100)]
98	Common genet	Ciudad Real	Castile-La Mancha	Female	Juvenile	ST7**	–

\* Denotes intra-subtype variability

\*\*No NGS Data