Additional file 1: Information on individual dogs, and total protein concentrations of anal sac gland secretion samples

	Information of individual dogs							Anal gland samples
nr	age at sampling	age group	gender	breed	inbreed	origin	born	protein (mg/ml)
1	6m	YOUNG	male	great dane	PUREBRED	Belgium	home	733,94
2	7m	YOUNG	male	labrador	PUREBRED	Belgium	home	419,386
3	1y	YOUNG	male	mix (medium dog)	MIXED BREED	Romania	street	209,431
4	4y	ADULT	male	mix (shepherd-like)	MIXED BREED	Spain	street	219,847
5	11y	OLD	male	labrador x golden retriever x malinois	CROSSBREED	Belgium	home	37,807
6	14y	OLD	male	mix (shepherd-like)	MIXED BREED	Greece	street	1
7	5m	YOUNG	female	Mix (husky/podenco-like)	MIXED BREED	Spain	street	280,107
8	5m	YOUNG	female	great dane	PUREBRED	England	home	264,119
9	6m	YOUNG	female	great dane	PUREBRED	Belgium	home	420,271
10	2y	YOUNG	female	great dane	PUREBRED	Belgium	home	451,372
11	3у	YOUNG	female	mix (small dog)	MIXED BREED	Romania	street	868,677
12	4y	ADULT	female	mix (podenco-like)	MIXED BREED	Spain	street	198,139
13	4y	ADULT	female	great dane	PUREBRED	Belgium	home	13
14	7y	ADULT	female	great dane	PUREBRED	Belgium	home	739,517
15	10y	OLD	female	labrador x german shepherd	CROSSBREED	Belgium	home	580,196
16	12y	OLD	female	labrador x border collie x boxer	CROSSBREED	Belgium	home	404,382
17	14y	OLD	female	border collie x labrador	CROSSBREED	Switzerland	home	6,042
7 (oestrus)	2y							594,94
9 (oestrus)	11m							550,811
10 (oestrus)	2y							141,77
13 (oestrus)	4y							5,441