

**Supplemental Table S1.** Number of dogs included from each institution and years reviewed.

<b>Institution</b>	<b>Number</b>	<b>Years reviewed</b>
University of Guelph	108	2007-2017
Tufts University	98	2009-2017
Michigan State University	95	2007-2017
University of Minnesota	91	2007-2017
Ohio State University	71	2007-2017
University of Tennessee	60	2007-2017
Texas A&M University	45	2007-2017
University of Prince Edward Island	52	2007-2017
Virginia-Maryland College of Veterinary Medicine	50	2007-2017
University of Florida	47	2007-2017
University of Pennsylvania	46	2007-2017
University of Tokyo	41	2007-2017
Iowa State University	24	2007-2017
Utrecht University	33	2007-2017
Mississippi State University	28	2007-2017
University of Nottingham	30	2007-2017
University of Missouri	21	2007-2017
San Marco Veterinary Clinic	24	2007-2017
Washington State University	25	2007-2017
Auburn University	21	2007-2017
University of Melbourne	19	2007-2017
Murdoch University	19	2007-2017

University of Cambridge	16	2007-2017
University of Edinburgh	17	2007-2017
University of Liege	14	2007-2017
University of Veterinary and Pharmaceutical Sciences Brno	9	2007-2017
Ghent University	11	2012-2017
Bryanston Veterinary Hospital	9	2007-2017
Universite de Toulouse	7	2007-2017
University of Thessaloniki	8	2007-2017
Vet Support	8	2007-2017
University of Veterinary Medicine Hungary	2	2007-2017
University of Dublin	7	2007-2017
Massey University	6	2007-2017
University of Glasgow	7	2007-2017
University of Veterinary Medicine Hannover	6	2007-2017
University of Sydney	6	2007-2017
NMBU School of Veterinary Science	5	2007-2017
University of Pisa	4	2007-2017
University of Pretoria	2	2013-2017
University of Leipzig	2	2015-2017