

Supplement Table 1: Characteristics of the animals used in the study												
Animal ID	Age Group	Birthdate	Age at Study Entry	Gender	Housing	Relatedness	Date of sampling	Body weights at the time of sampling (kgs)	Body condition score	Last antibiotic treatment	Last NSAIDs treatment	Health status
93N173	Old	6/20/1993	24	Male	single	cousin to 95N063, uncle to 97X005, 93N056	7/17/2017	10.65	4.5	N/A	27-Apr-14	obese
95N063	Old	5/7/1995	22	Female	single	cousin to 93N173, 93N056	7/17/2017	6.75	N/A	10-Jan-08	N/A	healthy
97X005	Old	4/19/1997	20	Female	single	nephew to 93N173, cousin to 98X015	7/17/2017	6.95	3	7-Feb-11	4-Mar-16	healthy
98X015	Old	7/10/1998	19	Female	single	cousin to 97X005	7/17/2017	10.6	5	3-May-04	14-Feb-15	obese
93N056	Old	4/27/1993	24	Female	single	nephew to 93N173, cousin to 95N063	7/19/2017	8.40	N/A	14-May-03	N/A	healthy
94N215	Old	11/12/1994	23	Female	single		7/19/2017	9.25	N/A	9-Mar-16	1-May-12	healthy
97-R001	Old	1/1/1994	23	Female	single		7/19/2017	5.35	2.5	12-Mar-13	21-Aug-16	healthy
RUB6	Old	4/23/1997	20	Female	single	dam to A13T020	7/19/2017	7.30	3.5	N/A	N/A	healthy
A13T016	Young	6/5/2013	4	Male	single	nephew to A14T007	7/19/2017	5.35	2.5	N/A	N/A	healthy
A13T020	Young	6/23/2013	4	Male	single	offspring of RUB6	7/19/2017	5.55	2.5	17-Mar-14	N/A	healthy
A13T022	Young	7/20/2013	4	Male	single		7/19/2017	4.95	2.5	N/A	N/A	healthy
A14T007	Young	5/27/2014	3	Male	single	uncle of A13T016	7/19/2017	4.80	2.5	N/A	N/A	healthy