

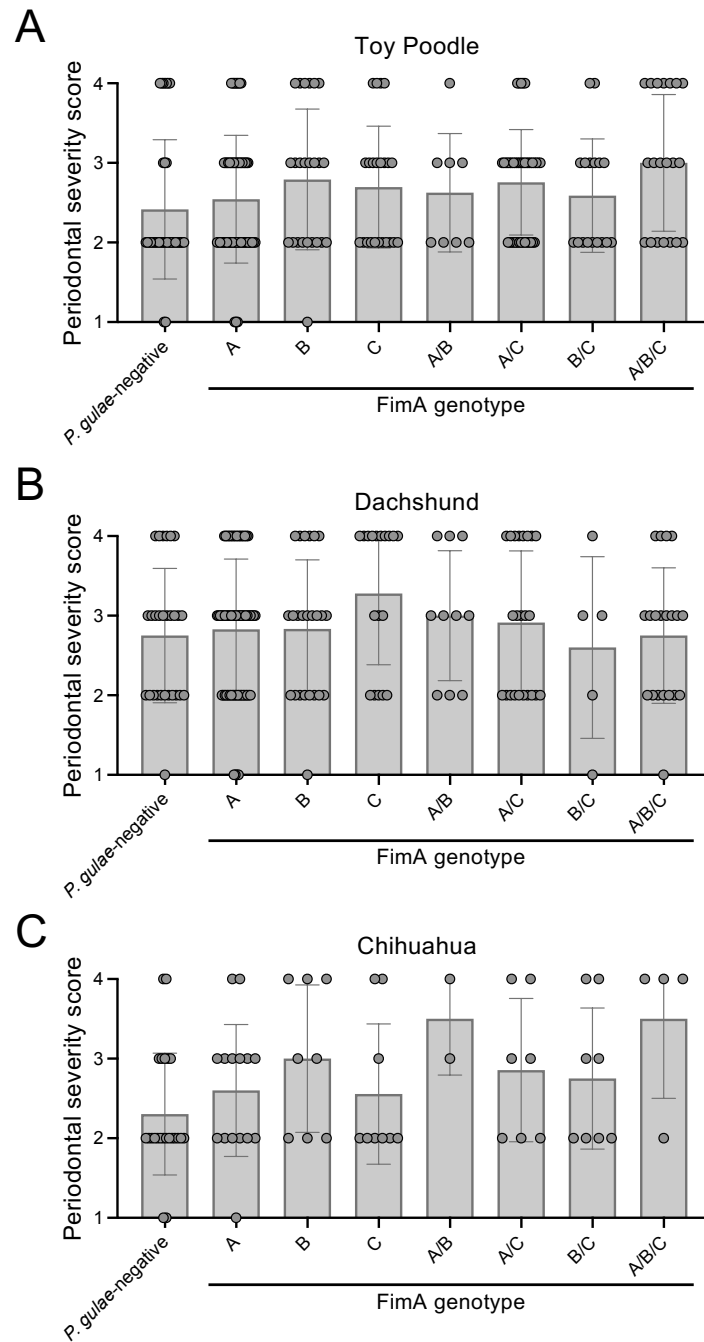
Investigation of periodontal disease development and *Porphyromonas gulae* FimA genotype distribution in small dogs

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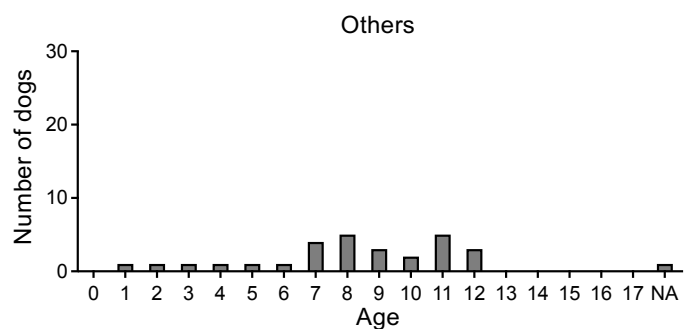
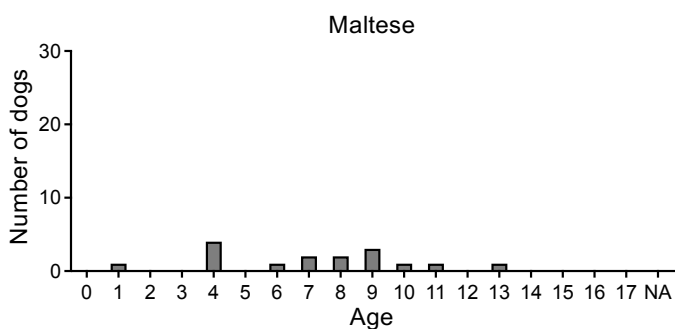
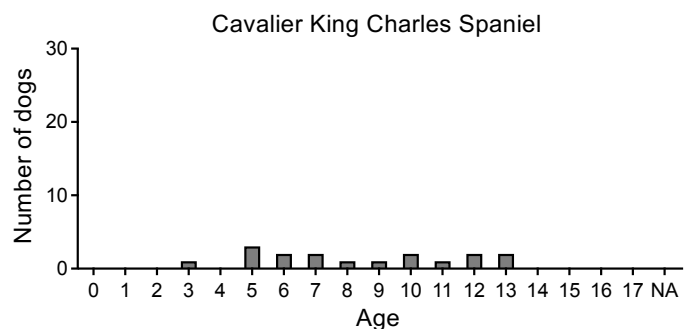
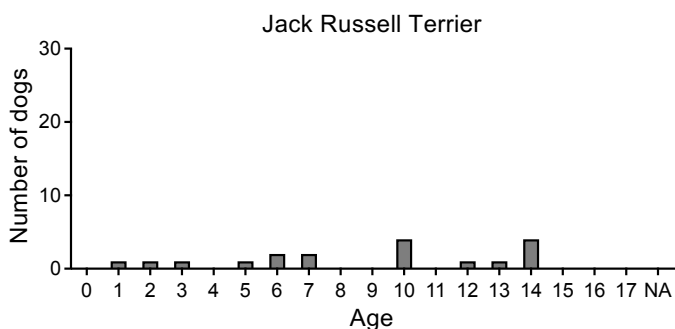
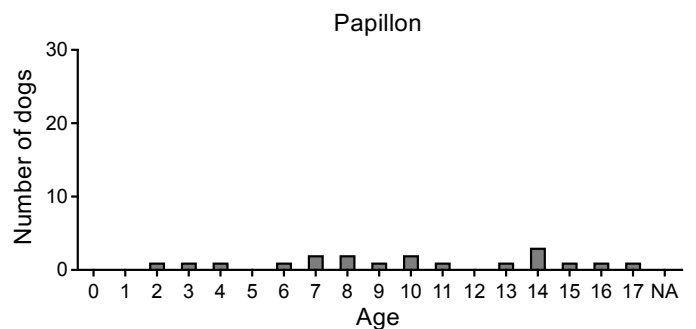
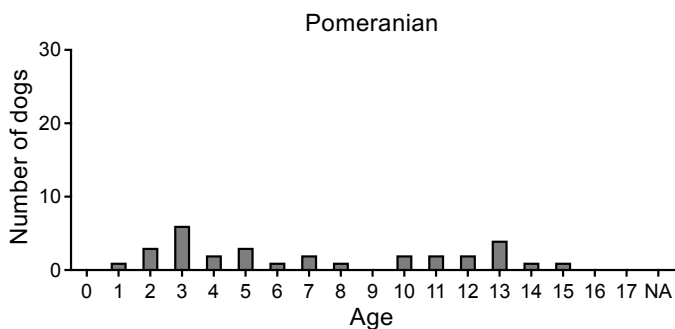
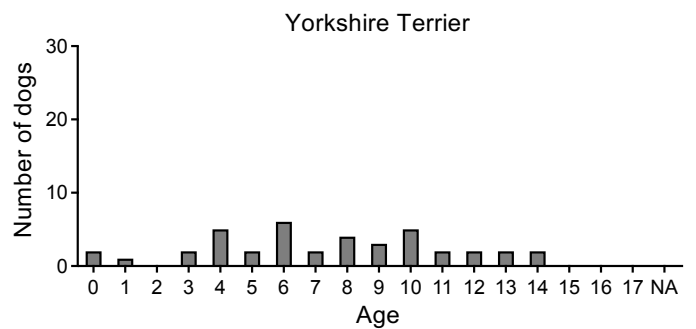
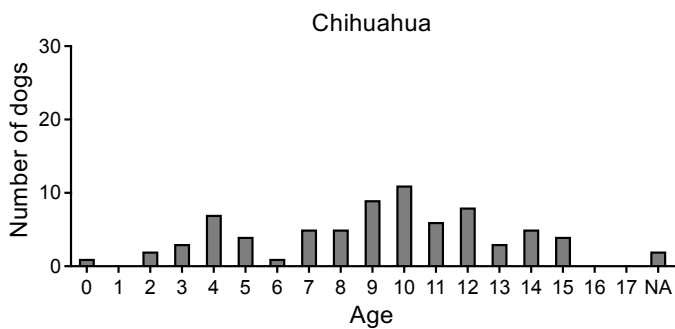
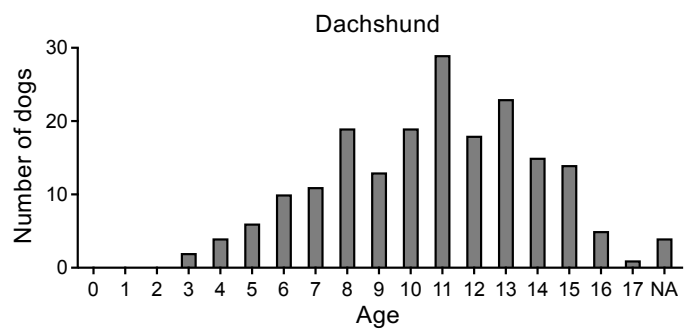
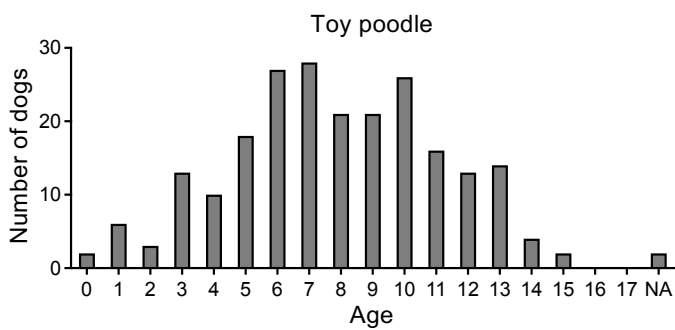
Supplementary Table 1. Periodontal severity score and *P. gulae* FimA genotype in healthy and mitral regurgitation dogs.

Analysis items		Healthy (n=425)	Mitral regurgitation (n=65)	<i>P</i> value
Age		7.9 ± 3.4 ^a	11.5 ± 2.4 ^a	<0.001
Sex (male: female)		208: 210	37: 27	0.283
Periodontal severity score	1	21 (4.9%)	1 (1.5%)	0.337
	2	184 (43.3%)	20 (30.8%)	0.060
	3	132 (31.1%)	26 (40.0%)	0.156
	4	88 (20.7%)	18 (27.7%)	0.260
<i>P. gulae</i> -negative		73 (17.2%)	15 (23.1%)	0.297
FimA genotype	A	111 (26.1%)	14 (21.5%)	0.541
	B	47 (11.1%)	10 (15.4%)	0.302
	C	50 (11.8%)	5 (7.7%)	0.404
	A/ B	14 (3.3%)	0 (0.0%)	0.233
	A/ C	59 (13.9%)	10 (15.4%)	0.705
	B/ C	33 (7.8%)	5 (7.7%)	>0.999
A/ B/ C		38 (8.9%)	6 (9.2%)	>0.999

^aThe ages of 7 dogs in the healthy group and 1 dog with mitral regurgitation were unknown.



Supplementary Fig. 1 Periodontal severity scores in FimA genotype distribution among the three dog breeds. Toy Poodles (A), Dachshunds (B), and Chihuahuas (C). Each circle represents the data of one dog. Gray bars represent the mean periodontal severity score. Data expressed as the mean $\pm$ standard deviation.



Supplementary Fig. 2 Age distribution of each small dog breed.