



Title	Urinary exosome-derived microRNAs reflecting the changes of renal function and histopathology in dogs
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Instructions for use

1   Urinary exosome-derived microRNAs reflecting the changes of renal  
2   function and histopathology in dogs

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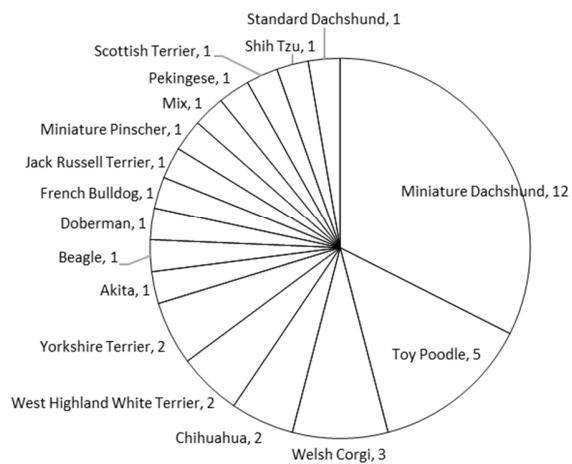
21   E-mail: [ichi-o@vetmed.hokudai.ac.jp](mailto:ichi-o@vetmed.hokudai.ac.jp)

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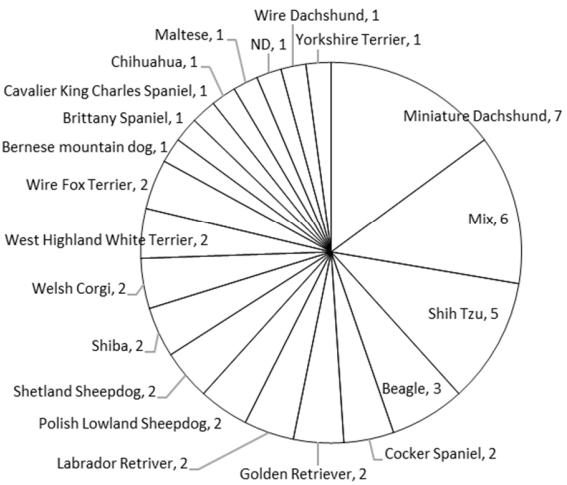
23 **Supplemental Fig. 1. Summary of analyzed dog.**

24 Values show the number of animals.

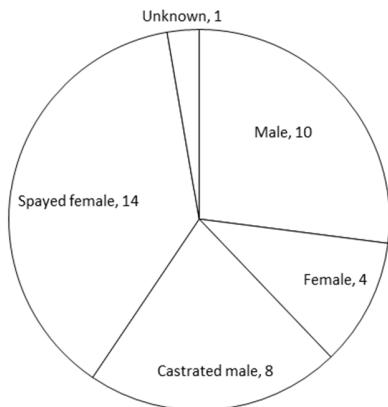
Healthy kidney control



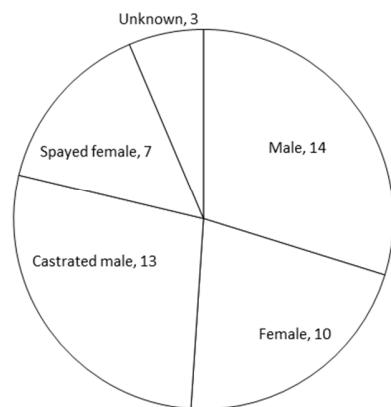
Kidney disease



Healthy kidney control



Kidney disease



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27 **Supplemental Table1. Summary of the analyzed dogs used for urine analysis.**

Healthy control (urine)			Kidney disease (urine)		
Species	Sex	Age	Species	Sex	Age
Akita	F*	5	Beagle	M	15
Beagle	F*	11	Beagle	M*	14
Chihuahua	M	7	Beagle	M	14
Chihuahua	M	11	Bernese mountain dog	M	11
Doberman	M	2	Brittany Spaniel	F	13
French Bulldog	F*	6	Cavalier King Charles Spaniel	M*	9
Jack Russell Terrier	F*	9	Chihuahua	F	9
Miniature Dachshund	M*	11	Cocker Spaniel	M	13
Miniature Dachshund	M	13	Cocker Spaniel	M	9
Miniature Dachshund	F	6	Golden Retriever	F	11
Miniature Dachshund	M	12	Golden Retriever	M	8
Miniature Dachshund	M*	11	Labrador Retriever	M	7
Miniature Dachshund	F*	12	Labrador Retriever	F	15
Miniature Dachshund	M*	11	Maltese	M*	9
Miniature Dachshund	F	13	Miniature Dachshund	F	17
Miniature Dachshund	F	11	Miniature Dachshund	M	10
Miniature Dachshund	Un	8	Miniature Dachshund	F	13
Miniature Dachshund	M*	9	Miniature Dachshund	F*	13
Miniature Dachshund	M*	9	Miniature Dachshund	F	15
Miniature Pinscher	M*	10	Miniature Dachshund	M	8
Mix	F*	11	Miniature Dachshund	M	11
Pekingese	M	1	Mix	F*	11
Scottish Terrier	F*	11	Mix	M*	9
Shih Tzu	F*	17	Mix	F	15
Standard Dachshund	M*	10	Mix	F*	15
Toy Poodle	F*	6	Mix	F*	10
Toy Poodle	M	5	Mix	M*	8
Toy Poodle	M	7	ND	ND	15
Toy Poodle	F	13	Polish Lowland Sheepdog	M*	12
Toy Poodle	F*	7	Polish Lowland Sheepdog	M*	13
Welsh Corgi	F*	11	Shetland Sheepdog	F	10
Welsh Corgi	M	2	Shetland Sheepdog	M*	16
Welsh Corgi	F*	10	Shiba	F*	13
West Highland White Terrier	F*	11	Shiba	F	1
West Highland White Terrier	F*	11	Shih Tzu	M	16
Yorkshire Terrier	M*	8	Shih Tzu	M	15
Yorkshire Terrier	M	11	Shih Tzu	F*	12
			Shih Tzu	M	12
			Shih Tzu	ND	12
			Welsh Corgi	M*	13
			Welsh Corgi	M	13
			West Highland White Terrier	ND	14
			West Highland White Terrier	F*	12
			Wire Dachshund	M*	12
			Wire Fox Terrier	M*	12
			Wire Fox Terrier	M*	12
			Yorkshire Terrier	M*	12

M; Male. F: female. M\*: Castrated male. F\*: Spayed female. ND: not determined.

29 **Supplemental Table 2. Summary of analyzed dogs used for kidney analysis.**

Healthy kidney control (Tissue)			Kidney disease (Tissue)		
Species	Sex	Age	Species	Sex	Age
Beagle	F	14	Beagle	ND	ND
Beagle	M	11	Maltese	M*	13
Beagle	M	11	Miniature Dachshund	F	8
Miniature Schnauzer	M	11	Mix	F	16
Shih Tzu	M*	3	Pomeranian	M*	9
ND	ND	ND	Welsh corgi	M	12
			Yorkshire Terrier	F*	8

M; Male. F: female. M\*: Castrated male. F\*: Spayed female. ND: not determined.

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