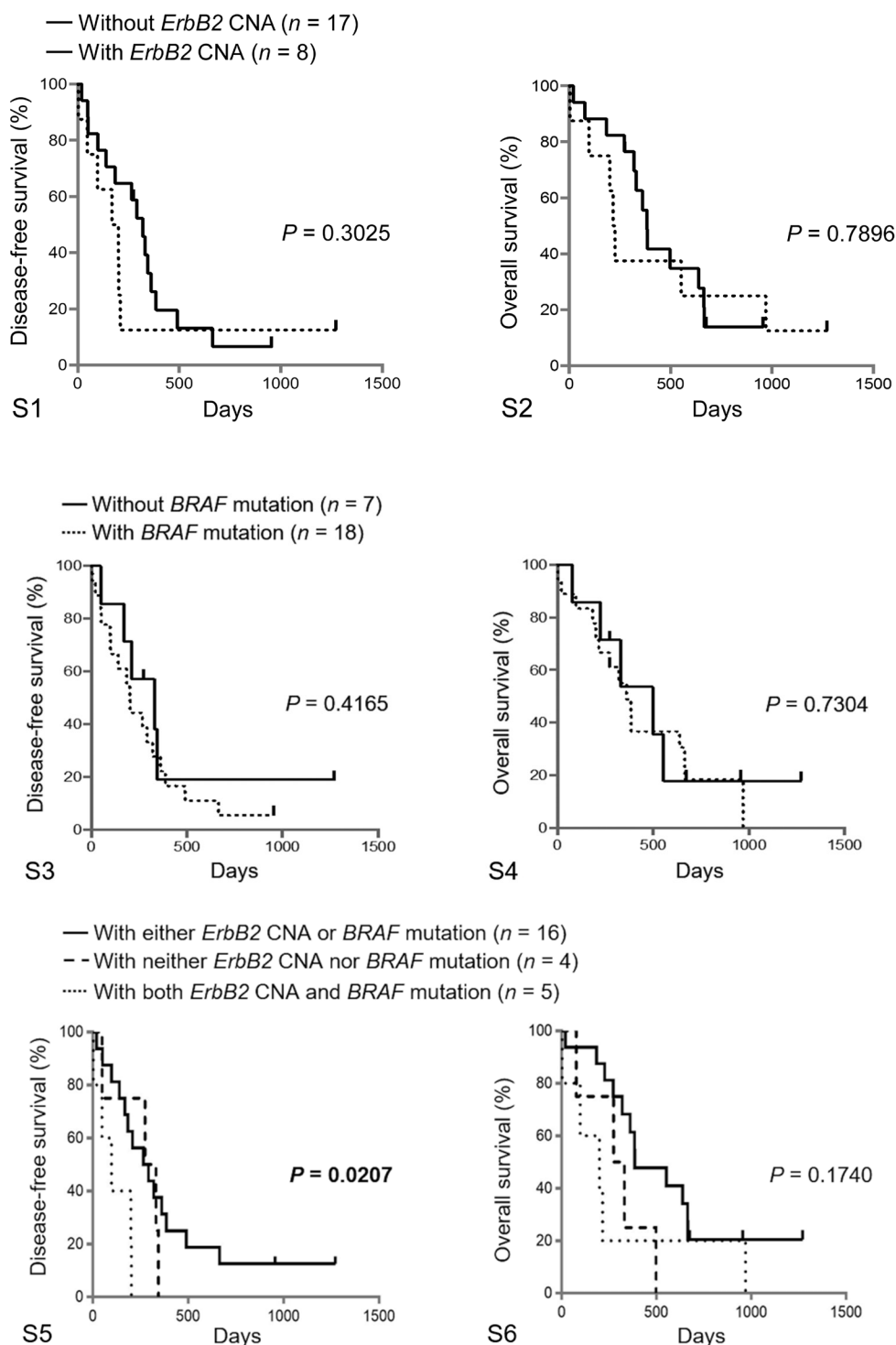


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Supplemental Figures S1-S6. Kaplan-Meier curves of disease-free survival and overall survival in dogs with urothelial carcinoma (UC) based on ErbB2 copy number aberration (CNA) (Figs. S1 and S2), BRAF mutation (Figs. S3 and S4), and combination of ErbB2 CNA with BRAF mutation (Figs. S5 and S6). For the survival analyses, 25 UC cases with total cystectomy were used. These cases included 5 cases with both ErbB2 CNA and BRAF mutation, 3 cases with only ErbB2 CNA, 13 cases with only BRAF mutation, and 4 cases with neither ErbB2 CNA nor BRAF mutation. Black symbols indicate censored cases.

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Table S1. Profiles of the dogs from which formalin-fixed paraffin-embedded urinary bladder tissues were obtained.

Case	Age	Sex	Neutered status	Breed	BRAF mutation	ErbB2: CFA8 ratio	ErbB2 CNA	IHC for ErbB2	T	N	M	Operative procedure	Living status	Cause of death	DFS	OS	Therapy before surgery	Therapy after surgery
UC 1	12y5m	Female	Spayed	Miniature Dachshund	+	0.64	-	+	1	1	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	490	666	No treatment	Piroxicam
UC 2	12y1m	Male	Intact	French Bulldog	-	0.48	-	Unknown	2	0	0	Partial cystectomy	Dead	Progression of tumor	322	322	No treatment	Piroxicam
UC 3	10y3m	Female	Spayed	Shih Tzu	-	0.73	-	Unknown	2	0	0	Partial cystectomy	Alive	-	545	545	Piroxicam	Piroxicam
UC 4	10y2m	Female	Spayed	Mixed	-	0.51	-	Unknown	2	0	0	Biopsy only	Alive	-	-	456	Firocoxib	Piroxicam
UC 5	9y4m	Female	Intact	Scottish Terrier	+	0.78	-	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Alive	-	139	272	Piroxicam	Piroxicam
UC 6	10y2m	Female	Spayed	Papillon	+	0.47	-	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	665	665	Firocoxib	Piroxicam
UC 7	7y1m	Female	Intact	Miniature Dachshund	+	0.93	-	+	3	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	184	184	No treatment	Cyclophosphamide, Carprofen
UC 8	10y1m	Female	Intact	Border Collie	-	0.60	-	Unknown	2	0	0	Biopsy only	Dead	Progression of tumor	-	48	Piroxicam	Piroxicam
UC 9	13y6m	Female	Spayed	Miniature Dachshund	+	0.91	-	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	320	320	No treatment	No treatment
UC 10	8y9m	Female	Intact	French Bulldog	+	0.95	-	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	20	20	No treatment	Carprofen
UC 11	13y5m	Male	Intact	Pembroke Welsh Corgi	-	0.67	-	+	3	1	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	274	274	Piroxicam	No treatment
UC 12	12y2m	Female	Intact	Wire Fox Terrier	-	0.72	-	-	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	331	331	Piroxicam	Chlorambucil, Piroxicam
UC 13	12y5m	Female	Spayed	Miniature Dachshund	+	0.62	-	Unknown	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	265	272	Piroxicam	Piroxicam
UC 14	11y4m	Female	Spayed	Toy Poodle	-	0.91	-	Unknown	2	1	0	Biopsy only	Unknown	-	-	Unknown	Piroxicam	Piroxicam
UC 15	11y0m	Female	Intact	Papillon	-	0.99	-	-	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	344	498	Cyclophosphamide, Carprofen	Cyclophosphamide, Carprofen
UC 16	14y7m	Female	Castrated	Papillon	+	0.96	-	+	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	99	638	Piroxicam	Piroxicam
UC 17	10y10m	Male	Intact	Maltese	+	0.94	-	+	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Alive	-	-	955	No treatment	Piroxicam
UC 18	6y11m	Female	Spayed	Pembroke Welsh Corgi	-	0.94	-	-	3	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	49	77	No treatment	Carprofen
UC 19	11y4m	Female	Spayed	Chihuahua	+	0.88	-	-	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	361	361	No treatment	Cyclophosphamide, Carprofen
UC 20	12y11m	Female	Spayed	Papillon	+	0.97	-	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Alive	-	51	675	No treatment	Piroxicam
UC 21	12y8m	Female	Intact	Miniature Dachshund	+	1.50	+	+	2	1	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	98	98	No treatment	Meloxicam
UC 22	12y1m	Male	Intact	Yorkshire Terrier	-	1.51	+	-	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	209	552	Piroxicam	Piroxicam
UC 23	12y0m	Female	Spayed	Yorkshire Terrier	+	1.01	+	Unknown	2	0	0	Biopsy only	Alive	-	-	237	Piroxicam	Piroxicam
UC 24	10y11m	Female	Spayed	Beagle	+	0.94	-	+	3	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	291	384	No treatment	Piroxicam
UC 25	11y6m	Female	Castrated	Pembroke Welsh Corgi	-	1.46	+	-	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Alive	-	1271	1271	Piroxicam	Piroxicam
UC 26	11y4m	Female	Intact	Shetland Sheepdog	+	1.48	+	Unknown	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Perioperative death	3	3	Piroxicam	No treatment
UC 27	13y1m	Female	Spayed	West Highland White terrier	+	1.24	+	-	1	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	202	970	Piroxicam	Mitoxantrone, Meroxican
UC 28	13y3m	Female	Intact	Shiba Inu	+	3.37	+	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	48	216	Piroxicam	Cisplatin, Piroxicam
UC 29	11y7m	Female	Intact	Miniature Pinscher	+	0.84	-	-	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	386	386	No treatment	No treatment
UC 30	11y6m	Female	Intact	Mixed	+	1.14	+	+	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Renal failure	200	200	Piroxicam	Piroxicam
UC 31	13y8m	Female	Intact	Maltese	+	1.03	+	Unknown	2	0	0	Biopsy only	Alive	-	-	603	Piroxicam	Piroxicam
UC 32	13y4m	Female	Spayed	Labrador Retriever	-	1.45	+	Unknown	2	0	0	Total cystectomy and subsequent urinary diversion to the prepuce or vagina	Dead	Progression of tumor	168	226	No treatment	Piroxicam
UC 33	13y6m	Female	Intact	Shih Tzu	-	0.82	-	Unknown	2	0	0	Partial cystectomy	Dead	Renal failure	787	787	Piroxicam	Piroxicam
UC 34	8y2m	Male	Intact	French Bulldog	+	1.00	-	Unknown	2	0	0	Partial cystectomy	Dead	Renal failure	1236	1236	Piroxicam	Piroxicam
UC 35	14y2m	Male	Intact	Pembroke Welsh Corgi	+	1.45	+	Unknown	2	1	0	Partial cystectomy	Dead	Progression of tumor	80	312	No treatment	Piroxicam
UC 36	6y5m	Female	Spayed	Mixed	-	1.22	+	Unknown	2	0	0	Partial cystectomy	Dead	Renal failure	1139	1139	Piroxicam	Piroxicam

Table 1. Continued on the next page.

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Table S1 (continued). Profiles of the dogs from which formalin-fixed paraffin-embedded urinary bladder tissues were obtained.

Case	Age	Sex	Neutered status	Breed	<i>BRAF</i> mutation	<i>ErbB2:CFA8</i> ratio	<i>ErbB2</i> CNA	IHC for <i>ErbB2</i>
Polypoid cystitis 1	10y5m	Male	Intact	Toy Poodle	-	0.43	-	+
Polypoid cystitis 2	9y11m	Female	Spayed	Mixed	-	0.48	-	+
Polypoid cystitis 3	10y4m	Female	Intact	Mixed	-	0.97	-	+
Polypoid cystitis 4	10y3m	Male	Castrated	Beagle	-	0.95	-	-
Polypoid cystitis 5	7y1m	Male	Intact	Miniature Pinscher	-	0.92	-	-
Polypoid cystitis 6	11y4m	Female	Intact	Shih Tzu	-	0.98	-	-
Polypoid cystitis 7	8y5m	Male	Intact	Cavalier King Charles Spaniel	-	1.02	+	-
Polypoid cystitis 8	10y5m	Male	Intact	Shetland Sheepdog	-	1.21	+	-
Normal urinary bladder 1	11y0m	Male	Intact	Beagle	-	0.65	-	-
Normal urinary bladder 2	11y0m	Male	Intact	Beagle	-	0.68	-	-
Normal urinary bladder 3	11y0m	Male	Intact	Beagle	-	0.70	-	-
Normal urinary bladder 4	11y0m	Male	Intact	Beagle	-	0.70	-	-
Normal urinary bladder 5	10y0m	Male	Intact	Beagle	-	0.60	-	-
Normal urinary bladder 6	10y0m	Male	Intact	Beagle	-	0.52	-	-
Normal urinary bladder 7	10y0m	Male	Intact	Beagle	-	0.57	-	-
Normal urinary bladder 8	10y0m	Male	Intact	Beagle	-	0.57	-	-
Normal urinary bladder 9	11y0m	Male	Intact	Beagle	-	0.76	-	Unknown
Normal urinary bladder 10	10y0m	Male	Intact	Beagle	-	0.62	-	Unknown
Normal urinary bladder 11	10y0m	Male	Intact	Beagle	-	0.80	-	Unknown
Normal urinary bladder 12	11y0m	Male	Intact	Beagle	-	0.64	-	Unknown
Normal urinary bladder 13	11y2m	Female	Spayed	Golden retriever	-	0.62	-	Unknown
Normal urinary bladder 14	9y9m	Male	Castrated	Papillon	-	0.66	-	Unknown
Normal urinary bladder 15	3y0m	Male	Intact	Shetland Sheepdog	-	0.76	-	Unknown
Normal urinary bladder 16	6y1m	Female	Spayed	Toy Poodle	-	0.65	-	Unknown
Normal urinary bladder 17	15y3m	Female	Spayed	Mixed	-	0.76	-	Unknown
Normal urinary bladder 18	12y9m	Male	Castrated	Mixed	-	0.63	-	Unknown
Normal urinary bladder 19	2y0m	Male	Castrated	Beagle	-	0.79	-	Unknown
Normal urinary bladder 20	13y10m	Female	Spayed	Miniature Dachshund	-	0.54	-	Unknown
Normal urinary bladder 21	12y10m	Female	Spayed	Miniature Dachshund	-	0.73	-	Unknown
Normal urinary bladder 22	9y10m	Male	Castrated	Flat-Coated Retriever	-	0.78	-	Unknown
Normal urinary bladder 23	13y11m	Female	Spayed	Mixed	-	0.89	-	Unknown
Normal urinary bladder 24	10y4m	Male	Castrated	Beagle	-	0.68	-	Unknown
Normal urinary bladder 25	4y0m	Male	Castrated	Pug	-	0.65	-	Unknown
Normal urinary bladder 26	12y0m	Female	Intact	Shih Tzu	-	0.67	-	Unknown
Normal urinary bladder 27	12y0m	Female	Spayed	Pembroke Welsh Corgi	-	0.74	-	Unknown
Normal urinary bladder 28	7y11m	Female	Spayed	English springer spaniel	-	0.78	-	Unknown
Normal urinary bladder 29	15y5m	Male	Intact	Pomeranian	-	0.86	-	Unknown
Normal urinary bladder 30	1y0m	Male	Intact	Toy Poodle	-	0.85	-	Unknown
Normal urinary bladder 31	7y9m	Male	Castrated	Miniature Schnauzer	-	0.60	-	Unknown
Normal urinary bladder 32	11y0m	Male	Castrated	Cavalier King Charles Spaniel	-	0.83	-	Unknown
Normal urinary bladder 33	7y4m	Female	Intact	Mixed	-	0.75	-	Unknown
Normal urinary bladder 34	1y8m	Female	Spayed	Pomeranian	-	0.61	-	Unknown
Normal urinary bladder 35	2y11m	Female	Intact	French Bulldog	-	0.85	-	Unknown
Normal urinary bladder 36	3y2m	Male	Intact	French Bulldog	-	0.78	-	Unknown
Normal urinary bladder 37	7y2m	Female	Spayed	Pembroke Welsh Corgi	-	0.86	-	Unknown
Normal urinary bladder 38	6y10m	Male	Castrated	Papillon	-	0.57	-	Unknown
Normal urinary bladder 39	9y8m	Male	Castrated	Cavalier King Charles Spaniel	-	0.60	-	Unknown

Abbreviations: *CFA8*, canine chromosome 8; CNA, copy number aberration; DFS, disease-free survival; OS, overall survival; UC, urothelial carcinoma.

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Table S2. Profiles of the dogs from which urinary sediments were obtained.

Case	Age	Sex	Neutered	Breed	Diagnosis	<i>BRAF</i> mutation	<i>ErbB2:CFA8</i> ratio	<i>ErbB2</i> CNA
UC 1	7y7m	Female	Intact	Miniature Dachshund	UC	+	0.88	-
UC 2	8y3m	Female	Spayed	Shetland Sheepdog	UC	+	1.13	+
UC 3	12y9m	Female	Spayed	Toy Poodle	UC	+	0.88	-
UC 4	12y3m	Female	Intact	Papillon	UC	-	1.27	+
UC 5	10y11m	Male	Intact	Yorkshire Terrier	UC	+	0.78	-
UC 6	13y1m	Female	Spayed	Papillon	UC	+	1.16	+
UC 7	11y10m	Female	Spayed	Miniature Dachshund	UC	+	0.99	-
UC 8	10y2m	Female	Intact	Border Collie	UC	-	0.84	-
UC 9	15y6m	Female	Spayed	Miniature Dachshund	UC	+	0.98	-
UC 10	14y2m	Female	Spayed	Miniature Dachshund	UC	+	1.12	+
UC 11	8y9m	Female	Intact	French Bulldog	UC	+	0.92	-
UC 12	13y4m	Male	Intact	Pembroke Welsh Corgi	UC	-	0.96	-
UC 13	11y2m	Female	Spayed	Shiba Inu	UC	+	0.95	-
UC 14	14y10m	Male	Intact	Miniature Dachshund	UC	+	1.15	+
UC 15	10y9m	Female	Spayed	Pembroke Welsh Corgi	UC	+	0.92	-
UC 16	10y2m	Female	Spayed	Shih Tzu	UC	-	1.04	-
UC 17	9y1m	Male	Intact	Chihuahua	UC	-	0.98	-
UC 18	11y11m	Female	Spayed	Mixed	UC	+	1.32	+
UC 19	9y1m	Female	Spayed	Shetland Sheepdog	UC	+	0.95	-
UC 20	10y2m	Female	Spayed	Mixed	UC	-	0.83	-
UC 21	11y7m	Male	Castrated	Miniature Dachshund	UC	+	2.29	+
UC 22	13y6m	Female	Intact	Beagle	UC	+	1.80	+
UC 23	9y6m	Female	Intact	Maltese	UC	+	4.61	+
UC 24	16y2m	Female	Spayed	Pomeranian	UC	+	1.16	+
UC 25	14y5m	Female	Spayed	Labrador Retriever	UC	+	1.39	+
UC 26	12y11m	Female	Spayed	Shiba Inu	UC	+	1.88	+
UC 27	14y4m	Female	Spayed	Miniature Dachshund	UC	+	0.95	-
UC 28	8y8m	Male	Castrated	Cavalier King Charles Spaniel	UC	+	0.95	-
UC 29	9y10m	Male	Intact	Pomeranian	UC	-	0.93	-
UC 30	14y11m	Male	Intact	Toy Poodle	UC	-	0.89	-
UC 31	13y8m	Female	Intact	Yorkshire Terrier	UC	+	1.01	-
UC 32	14y2m	Male	Intact	Whippet	UC	+	1.03	-
UC 33	10y7m	Female	Spayed	English Setter	UC	-	1.27	+
UC 34	11y6m	Male	Castrated	Miniature Pinscher	UC	+	0.71	-
UC 35	9y9m	Female	Spayed	Miniature Dachshund	UC	+	0.99	-
UC 36	12y9m	Female	Spayed	Toy Poodle	UC	+	1.35	+
UC 37	12y2m	Female	Spayed	Mixed	UC	+	1.86	+
UC 38	13y5m	Male	Castrated	Chihuahua	UC	+	0.91	-
UC 39	13y2m	Female	Spayed	Pomeranian	UC	+	1.03	-
UC 40	11y0m	Female	Spayed	Miniature Dachshund	UC	-	1.03	-
UC 41	12y7m	Female	Spayed	Miniature Dachshund	UC	+	1.08	-
UC 42	8y2m	Female	Spayed	Miniature Schnauzer	UC	-	1.41	+
UC 43	10y9m	Female	Spayed	Pomeranian	UC	+	0.91	-
UC 44	13y7m	Male	Castrated	Miniature Pinscher	UC	+	1.00	-
UC 45	12y9m	Female	Intact	Miniature Dachshund	UC	-	1.02	-
UC 46	14y5m	Female	Spayed	Pembroke Welsh Corgi	UC	+	0.90	-
UC 47	11y0m	Male	Castrated	Pomeranian	UC	+	0.92	-
UC 48	15y10m	Female	Intact	West Highland White Terrier	UC	-	1.15	+
UC 49	11y0m	Female	Spayed	Miniature Schnauzer	UC	-	0.87	-
UC 50	12y3m	Female	Intact	French Bulldog	UC	+	1.46	+
UC 51	11y10m	Female	Spayed	Mixed	UC	+	1.01	-
UC 52	10y7m	Male	Castrated	Papillon	UC	-	0.97	-
UC 53	9y7m	Female	Spayed	Miniature Dachshund	UC	-	1.14	+
UC 54	13y9m	Male	Castrated	Miniature Dachshund	UC	+	0.89	-
Disease control 1	10y10m	Female	Spayed	Jack Russell Terrier	Cystitis	-	1.00	-
Disease control 2	4y9m	Female	Spayed	Miniature Schnauzer	Cystitis	-	0.98	-
Disease control 5	10y7m	Male	Castrated	Yorkshire Terrier	Cystitis	-	0.90	-
Disease control 9	16y1m	Male	Castrated	Shih Tzu	Cystitis	-	0.77	-
Disease control 10	10y11m	Male	Intact	Miniature Dachshund	Cystitis	-	0.90	-
Disease control 12	14y8m	Female	Intact	Miniature Dachshund	Cystitis	-	0.90	-
Disease control 13	12y0m	Male	Castrated	Shih Tzu	Cystitis	-	0.96	-
Disease control 15	11y0m	Female	Intact	Norfolk Terrier	Cystitis	-	0.84	-
Disease control 16	7y5m	Female	Spayed	Yorkshire Terrier	Cystitis	-	0.93	-
Disease control 20	13y11m	Male	Intact	Chihuahua	Cystitis	-	1.00	-
Disease control 21	5y10m	Male	Castrated	Boston Terrier	Cystitis	-	0.99	-
Disease control 23	10y11m	Male	Intact	American Cocker Spaniel	Cystitis	-	1.01	-
Disease control 26	16y8m	Male	Intact	Miniature Dachshund	Cystitis	-	1.04	-
Disease control 28	15y2m	Female	Spayed	Miniature Dachshund	Cystitis	-	1.00	-
Disease control 29	13y1m	Female	Spayed	Miniature Dachshund	Cystitis	-	0.98	-
Disease control 30	12y3m	Male	Intact	Pembroke Welsh Corgi	Cystitis	-	0.92	-
Disease control 3	13y1m	Female	Spayed	Yorkshire Terrier	Polypoid cystitis	-	0.96	-
Disease control 4	9y8m	Female	Spayed	Mixed	Polypoid cystitis	-	0.77	-
Disease control 6	10y11m	Female	Spayed	Cairn Terrier	Polypoid cystitis	-	0.93	-
Disease control 8	9y5m	Male	Castrated	Toy Poodle	Polypoid cystitis	-	0.87	-
Disease control 18	13y11m	Female	Spayed	Shih Tzu	Polypoid cystitis	-	1.09	-
Disease control 19	11y9m	Female	Spayed	Mixed	Polypoid cystitis	-	0.79	-
Disease control 22	13y4m	Female	Spayed	Shih Tzu	Polypoid cystitis	-	0.86	-
Disease control 24	11y9m	Male	Intact	Jack Russell Terrier	Polypoid cystitis	-	0.87	-
Disease control 25	16y4m	Male	Castrated	Miniature Dachshund	Polypoid cystitis	-	1.01	-
Disease control 27	10y5m	Male	Castrated	Yorkshire Terrier	Polypoid cystitis	-	0.97	-
Disease control 7	2y0m	Male	Castrated	Scottish Terrier	Cystolithiasis	-	1.08	-
Disease control 11	2y6m	Female	Spayed	Mixed	Cystolithiasis	-	1.10	-
Disease control 14	9y6m	Female	Spayed	Scottish terrier	Cystolithiasis	-	0.96	-
Disease control 17	9y11m	Male	Castrated	Chihuahua	Cystolithiasis	-	0.85	-
Healthy control 1	8y5m	Male	Castrated	Labrador Retriever	Normal urinary bladder	-	0.98	-
Healthy control 2	11y11m	Male	Castrated	Beagle	Normal urinary bladder	-	0.92	-
Healthy control 3	8y10m	Male	Castrated	Beagle	Normal urinary bladder	-	0.99	-
Healthy control 4	9y4m	Male	Intact	Beagle	Normal urinary bladder	-	0.95	-
Healthy control 5	8y1m	Male	Castrated	Beagle	Normal urinary bladder	-	0.97	-
Healthy control 6	9y3m	Male	Castrated	Beagle	Normal urinary bladder	-	0.99	-
Healthy control 7	9y9m	Male	Castrated	Beagle	Normal urinary bladder	-	0.82	-
Healthy control 8	11y3m	Male	Castrated	Beagle	Normal urinary bladder	-	0.89	-
Healthy control 9	7y9m	Male	Castrated	Beagle	Normal urinary bladder	-	0.89	-
Healthy control 10	12y0m	Male	Castrated	Beagle	Normal urinary bladder	-	0.79	-

Abbreviations: CFA8, canine chromosome 8; CNA, copy number aberration; UC, urothelial carcinoma.

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Table S3. Association of *ErbB2* copy number aberration (CNA) with *BRAF* mutation in dogs with urothelial carcinoma.

Sample	<i>BRAF</i> mutation	<i>ErbB2</i> CNA		<i>P</i>
		Positive	Negative	
Urinary bladder tissue	Positive	8	14	0.7272
	Negative	4	10	
Urinary sediment	Positive	14	24	0.7639
	Negative	5	11	

Table 4. Association of *ErbB2* copy number aberration (CNA) and clinical characteristics in dogs with urothelial carcinoma that underwent total cystectomy.

		<i>ErbB2</i> CNA		<i>P</i>
		Positive (<i>n</i> = 8)	Negative (<i>n</i> = 17)	
Age (months)	< 140	2	10	0.2016
	≥ 140	6	7	
Sex	Male	1	3	1.0000
	Female	7	14	
Neutered status	Yes	4	8	1.0000
	No	4	9	
Tumor T stage	T1	3	4	0.6396
	T2, T3	5	13	
Lymph node involvement	N0	7	15	1.0000
	N+	1	2	
Distant metastasis	M0	8	17	1.0000
	M+	0	0	
Preoperative NSAIDs	Yes	6	7	0.2016
	No	2	10	
Preoperative chemotherapy	Yes	0	1	1.0000
	No	8	16	
Postoperative NSAIDs	Yes	7	14	1.0000
	No	1	3	
Postoperative chemotherapy	Yes	2	4	1.0000
	No	6	13	

Abbreviation: NSAIDs, non-steroidal anti-inflammatory drugs.