

N.	ID	Breed	Age (years)	Gender	Cytology BAL	Co-infection	Bb	My	CPIV	Bacterial Culture	Diagnosis
23	5365	Affenpinscher	4	M	Eosinophilic inflammation	Pos	nd	nd	nd	<i>Acinetobacter baumannii</i> complex	Not available
24	6572	Afghan Hound	5	F	Normal	Pos	Neg	Pos	Neg	Neg	Interstitial pneumopathy
25	48685	Akita Inu	1	M	Normal	Neg	Neg	Neg	Neg	Neg	Pyogranulomatous pneumonia
26	6294	Akita Inu	1	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
27	6059	Akita Inu	<1	M	Macrophagic and lymphocytic inflammation	Pos	Pos	Pos	Neg	<i>Citrobacter</i> spp.	Septic pneumonia
28	6714	American Akita	1	M	Normal	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Lymphoplasmacellular rhinitis
29	7405	American Staffordshire	5	F	Macrophagic and neutrophilic inflammation	Neg	Neg	Neg	Neg	Neg	Pneumopathy
30	6530	American Staffordshire	12	F	Lypophagocytosis and macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Pseudomonas stutzeri</i>	Lung carcinoma
31	5607	American Staffordshire	1	F	Normal	Neg	Neg	Neg	Neg	Neg	Systemic Toxoplasmosis
32	6298	American Staffordshire	13	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
33	8503	Australian Shepherd	10	M	Macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Staphylococcus cohnii</i>	Septic bronchitis
34	7060	Beagle	6	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
35	7654	Beagle	3	M	Normal	nd	nd	nd	nd	nd	Lymphoplasmacellular rhinitis

36	5912	Beagle	12	M	Septic inflammation	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Septic pneumonia
37	53333	Beagle	6	M	Neutrophilic inflammation	nd	Neg	Neg	Neg	nd	Not available
38	8449	Beagle	13	F	Normal	nd	nd	nd	nd	nd	Not available
39	5679	Bearded collie	13	F	Septic inflammation	Pos	nd	nd	nd	<i>Citrobacter braakii</i> ; <i>Microbacterium paraoxydans</i>	Septic Pneumonia
40	5757	Bearded collie	13	F	Neutrophilic inflammation	Pos	nd	nd	nd	<i>Acinetobacter baumannii</i> complex	Interstitial pneumopathy
41	7944	Belgian Shepherd	13	F	Neutrophilic inflammation	Neg	Neg	Neg	Neg	Neg	Pneumonia
42	7609	Bernese	2	M	Normal	nd	Neg	Neg	Neg	Neg	Bronchopathy
43	6442	Bernese	8	F	Lung sarcoma associated with septic inflammation	Pos	Neg	Neg	Neg	<i>Klebsiella pneumoniae</i>	Istiocytic sarcoma
44	7897	Bernese	4	M	Neutrophilic inflammation	Pos	Neg	Neg	nd	<i>Raoultella planticola</i>	Not available
45	5557	Bernese	6	F	Haemorrhage	Pos	Neg	Neg	Neg	<i>Citrobacter braakii</i>	Alveolar interstitial pnueomopathy
46	43265	Bichon Frisé	1	M	not available	Neg	nd	nd	nd	nd	Not available
47	5769	Bolognese	8	M	Neutrophilic inflammation	nd	nd	nd	nd	<i>Pseudomonas aureginosa</i>	Tracheal collapse
48	5302	Border collie	<1	F	Neutrophilic inflammation with stronglyloides larvae	Pos	Neg	Neg	Neg	<i>Serratia marcescens</i>	Angiostrongylosis
49	6099	Border collie	4	M	Macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Bronchopathy

50	6341	Border collie	2	M	Septic inflammation	nd	nd	nd	nd	nd	Not available
51	8615	Boxer	6	M	Not diagnostic	Pos	nd	nd	nd	<i>Acinetobacter baumannii</i> ; <i>Crhyseobacterium indologenes</i>	Septic pleuritis with pyothorax
52	6202	Boxer	1	F	Septic inflammation	nd	nd	nd	nd	nd	not available
53	5968	Boxer	<1	F	Suppurative inflammation	nd	nd	nd	nd	nd	Not available
54	6732	Bullmastiff	6	F	Lymphoma	nd	nd	nd	nd	nd	Not available
55	6539	Chihuahua	2	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Pharyngeal stenosis
56	7682	Chihuahua	12	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
57	6120	Chihuahua	7	F	Not diagnostic	Neg	nd	nd	nd	nd	Brachycephalic airway syndrome
58	7958	Chihuahua	13	M	Normal	Pos	Neg	Pos	Neg	<i>Serratia marcescens</i>	Interstitial Pneumopathy
59	7496	Chihuahua	10	F	Lymphocytic inflammation	nd	nd	nd	nd	nd	Not available
60	8261	CKCS	2	M	Normal	nd	nd	nd	nd	nd	Not available
61	7492	CKCS	6	M	Lymphocytic inflammation	Pos	Neg	Neg	Pos	Neg	Tracheal and bronchial collapse
62	46014	CKCS	<1	M	Neutrophilic inflammation and suspected bordetellosis	nd	nd	nd	nd	nd	Not available
63	5511	CKCS	6	F	Normal	nd	nd	nd	nd	nd	Brachycephalic airway syndrome

64	60214	CKCS	1	F	not available	nd	nd	nd	nd	nd	Not available
65	49804	CKCS	5	F	Eosinophilic inflammation	Neg	Neg	Neg	Neg	Neg	Tracheal collapse
66	40918	CKCS	9	F	not available	nd	nd	nd	nd	nd	Not available
67	52124	CKCS	<1	M	nd	Pos	Neg	Pos	nd	Neg	Not available
68	7006	Corso	2	M	Eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Leclercia adecarboxylata</i>	Not available
69	6909	Dachshund	12	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Interstitial pneumopathy
70	57302	Dachshund	5	M	Neutrophilic inflammation	Pos	Neg	Pos	Neg	<i>Staphylococcus hominis</i>	Bacterial pneumonia
71	7484	Dachshund	11	M	Normal	nd	nd	nd	nd	nd	Not available
72	8439	Dachshund	5	F	Eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Acinetobacter iwoffii</i>	Bacterial bronchitis
73	51705	Dachshund	9	F	septic inflammation	Pos	Neg	Pos	Neg	<i>Neisseria zoodegmatidis</i> ; <i>Bergeyella zoohelcum</i>	Bacterial bronchitis
74	7427	Dachshund	6	M	Neutrophilic inflammation	Pos	Neg	Pos	Neg	<i>Escherichia coli</i>	Aspiration pneumonia
75	7435	Dachshund	12	M	Neutrophilic inflammation	Pos	Neg	Pos	Neg	<i>Escherichia coli</i> , <i>staphylococcus pseudointermedius</i>	Bacterial pneumonia
76	50969	Deutscher Pinscher	7	M	nd	nd	nd	nd	nd	nd	Not available
77	6258	Drahthaar	11	M	Septic inflammation	Pos	Neg	Pos	Neg	<i>Citrobacter werkmanii</i>	Aspiration pneumonia

78	8372	Drahthaar	<1	M	Normal	Neg	nd	nd	nd	nd	Not available
79	8454	English Bulldog	5	M	Not diagnostic	nd	nd	nd	nd	nd	Not available
80	8361	English Bulldog	11	M	Not diagnostic	nd	nd	nd	nd	nd	Not available
81	5777	English Bulldog	<1	M	Neutrophilic, lymphocytic and macrophagic inflammation	nd	nd	nd	nd	<i>Citrobacter werkmanii</i>	Brachycephalic airway syndrome
82	6605	English Cocker Spaniel	4	M	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
83	7215	English Cocker Spaniel	13	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
84	5526	English Cocker Spaniel	9		Not diagnostic	nd	nd	nd	nd	nd	Not available
85	7394	English Cocker Spaniel	11	M	Macrophagic and neutrophilic inflammation	Pos	Neg	Pos	Neg	Neg	Chronic bronchitis
86	6229	English setter	1	F	Not diagnostic	nd	nd	nd	nd	nd	Not available
87	7095	English setter	8	M	Not diagnostic	nd	nd	nd	nd	nd	Not available
88	6033	English setter	1	F	Septic inflammation	Pos	Neg	Neg	Neg	<i>Klebsiella oxytoca</i>	Bacterial pneumonia
89	6761 sx	English setter	6	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
90	41590	Espagneul breton	12	F	nd	nd	nd	nd	nd	nd	Not available
91	7424	Espagneul breton	10	M	Eosinophilic and neutrophilic inflammation	Neg	Neg	Neg	Neg	Neg	Allergic pneumonia

92	6547	French bulldog	4	M	Eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Not available
93	6549	French bulldog	8	F	Not diagnostic	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Aspiration pneumonia
94	6169	French bulldog	4	F	Normal	nd	nd	nd	nd	nd	Not available
95	6884	French bulldog	1	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
96	6801	French bulldog	10	M	Septic inflammation	Pos	Neg	Neg	Neg	<i>Streptococcus canis</i>	Bacterial pneumonia
97	7136	French bulldog	3	F	Normal	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Brachycephalic airway syndrome
98	5883	German Sherperd	<1	F	Not diagnostic	Pos	Neg	Neg	Neg	<i>Acinetobacter baumannii</i> complex	Bronchopneumonia
99	7221	German Sherperd	13	M	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Aspiration pneumonia
100	7604	German Sherperd	5	F	Neutrophilic and macrophagic inflammation with fungal elements suggestive of <i>Aspergillus</i> spp.	nd	nd	nd	nd	nd	Pulmonary aspergillosis
101	60375	German Sherperd	4	F	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter braakii</i> ; <i>Staphylococcus saprophyticus</i> ; <i>Escherichia fergusonii</i> ; <i>Candida guilliermondii</i>	Not available
102	7310	German Sherperd	8	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
103	7340	German Sherperd	<1	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available

104	6020	German Sherperd	10	M	Not diagnostic	nd	nd	nd	nd	nd	Not available
105	7185	Giant Schnauzer	10	M	Normal	nd	nd	nd	nd	nd	Bronchopathy
106	5573	Golden Retreiver	1	M	Neutrophilic Inflammation	nd	nd	nd	nd	nd	Not available
107	8573	Golden Retreiver	2	M	Not diagnostic	nd	nd	nd	nd	nd	Not available
108	60383	Golden Retreiver	8	M	nd	nd	nd	nd	nd	nd	Not available
109	7235	Golden Retreiver	2	M	Septic inflammation	Pos	Neg	Neg	Neg	<i>Klebisella pneumoniae, Enterococcus faecium</i>	Not available
110	5470	Great Dane	7	M	Septic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter werkmanii</i>	Bacterial pneumonia
111	8406	Greyhound	4	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Lung foreign body
112	7486	Irish setter	7	M	Neutrophilic inflammation	Pos	Neg	Neg	Pos	Neg	Pneumopathy
113	7404	Irish setter	13	M	Macrophagic and neutrophilic inflammation	Pos	nd	nd	nd	<i>Pseudomonas aeruginosa</i>	Bacterial bronchitis and laryngeal paralysis
114	7106	Jack Russel Terrier	6	F	Neutrophilic, macrophagic and lymphocytic inflammation	nd	nd	nd	nd	nd	Not available
115	55515	Jack Russel Terrier	2	F	Macrophagic and neutrophilic inflammation	Pos	Pos	Neg	Neg	Neg	Bacterial pneumonia
116	7597	Jack Russel Terrier	10	F	Normal	Pos	Pos	Neg	Neg	Neg	Bacterial pneumonia

117	52547	Jack Russel Terrier	6	F	septic inflammation	Pos	Pos	Neg	Neg	<i>Pseudomonas aeruginosa</i>	Bacterial pneumonia
118	6168	Jack Russel Terrier	6	M	Normal	nd	nd	nd	nd	nd	Not available
119	7468	Jack Russel Terrier	2	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
120	8317	Japan Chin	10	F	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Staphylococcus pseudointermedius</i>	Chronich bronchitis and interstitial pneumopathy
121	7125	Kooikerhondje	8	F	Neutrophilic and lymphocytic inflammation	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Interstitial pneumopathy
122	5789	Kurzhaar	9	M	Neutrophilic-eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter werkmanii</i>	Laryngeal paralysis
123	5991	Kurzhaar	2	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
124	6869	Labrador Retreiver	13	M	Neutrophilic inflammation	Pos	Neg	Pos	Neg	Mycoplasma spp.	Chronic bronchitis and bronchomalacia
125	6384	Labrador Retreiver	2	M	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
126	5684	Labrador Retreiver	8	F	Neutrophilic Inflammation	Pos	Neg	Neg	nd	<i>Citrobacter braakii</i>	Not available
127	8337	Labrador Retreiver	10	F	Strongylus larvae	Pos	Neg	Pos	Neg	Neg	Angiostrongylosis
128	5457	Labrador Retreiver	13	F	Suppurative inflammation	Pos	Pos	Pos	Neg	Neg	Bacterial pneumonia
129	5768	Labrador Retreiver	<1	F	Septic inflammation	Pos	Neg	Pos	Neg	<i>Pseudomonas stutzeri</i>	Bacterial pneumonia
130	7212	Labrador Retreiver	8	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available

131	7240	Labrador Retriever	10	M	Lymphocytic inflammation	nd	nd	nd	nd	nd	Not available
132	6632	Labrador Retriever	10	M	Neutrophilic, macrophagic and eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
133	5331	Labrador Retriever	10	M	Macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Not available
134	7797	Labrador Retriever	12	M	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Pseudomona putida</i> ; <i>Chryseobacterium indologenes</i>	Bacterial bronchitis
135	5973	Labrador Retriever	13	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
136	8334	Labrador Retriever	10	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
137	43250	Leonberger	8	M	Macrophagic and neutrophilic inflammation	Neg	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Lung tumor
138	7731	Maltese	6	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
139	6771	Maltese	6	M	Normal	nd	nd	nd	nd	nd	Not available
140	6308	Maltese	10	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
141	7671	Maremma sheepdog	8	M	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
142	6964	Mongrel	8	F	Septic inflammation	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Not available
143	6531	Mongrel	2	M	Not diagnostic	Pos	Neg	Pos	Neg	Neg	Uppur respiratory tract disease

144	6689	Mongrel	2	F	septic inflammation	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Bacterial pneumonia
145	7035	mongrel	8	F	Eosinophilic inflammation	Neg	Neg	Neg	Neg	Neg	Eosinophilic broncopneumonia
146	6303	Mongrel	13	M	Normal	nd	nd	nd	nd	nd	Chronic bronchitis
147	5969	Mongrel	8	F	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Aspiration pneumonia
148	51911	Mongrel	7	F	nd	nd	nd	nd	nd	nd	Not available
149	8371	Mongrel	14	F	septic inflammation	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Not available
150	6315	Mongrel	12	F	Macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Pseudomonas stutzeri</i>	Bacterial pneumonia
151	5760	Mongrel	12	M	Neutrophilic inflammation	Neg	Neg	Neg	Neg	Neg	Lung lobe torsion plus interstitial pneumopathy
152	5980	Mongrel	4	F	Normal	nd	nd	nd	nd	nd	Not available
153	6113	Mongrel	13	F	Neutrophilic inflammation and haemorrhage	Pos	Neg	Neg	Neg	<i>Acinetobacter baumannii</i> complex	Bacterial pneumonia
154	5626	Mongrel	12	M	Neutrophilic Inflammation	nd	nd	nd	nd	nd	Chronic bronchitis
155	7325	Mongrel	13	M	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Acinetobacter baumannii</i> complex	Broncopneumopathy
156	6121	Mongrel	10	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
157	6706	Mongrel	3	M	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Enterobacter cloacae</i>	Pneumonia

158	6134	Mongrel	13	M	Neoplasia	Neg	Neg	Neg	Neg	<i>Pseudomonas stutzeri</i>	Lung carcinoma
159	8327	mongrel	1	F	Eosinophilic, lymphocytic, macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
160	57917	Mongrel	11	F	Macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Not available
161	6190	Mongrel	4	M	septic inflammation	Pos	Neg	Neg	Neg	Acinetobacter spp.	Bacterial pneumonia
162	6642	Mongrel	8	M	Erythrophagocytosis	nd	nd	nd	nd	neg	Suspected lung neoplasia
163	6488	Mongrel	8	F	Neutrophilic inflammation	Pos	Neg	Pos	Neg	Acinetobacter baumannii complex	Chronic bronchitis
164	5584	Mongrel	15	M	Eosinophilic, macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter braakii</i>	Chronic bronchitis
165	5900	Mongrel	5	F	Eosinophilic inflammation	Pos	Neg	pos	Neg	Mycoplasma spp.	Canine mycoplasmosis
166	41007	Mongrel	4	F	Eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Eosinophilic bronchitis
167	7253	Mongrel	2	M	Macrophagic and neutrophilic inflammation	Neg	Neg	Neg	Neg	Neg	Sterile panniculitis and lymphadenitis
168	5687	Mongrel	8	F	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
169	8003	Mongrel	12	M	Normal	nd	nd	nd	nd	nd	Not available
170	7332	Mongrel	13	M	Normal	nd	nd	nd	nd	nd	Laryngeal paralysis

171	5591	Mongrel	13	M	Macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Not available
172	7472	Mongrel	11	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
173	5974	Mongrel	10	F	Carcinoma	Pos	Neg	Neg	Neg	<i>Citrobacter freundii</i> ; <i>Stenotrophomonas maltophilia</i>	Lung carcinoma
174	8257	Mongrel	15	F	Normal	Pos	Neg	Pos	Neg	Neg	Chronic bronchitis
175	5436	Mongrel	15	M	Lymphocytic and macrophagic inflammation	Pos	Neg	Pos	Neg	Neg	Mycoplasmosis
176	5746 A	Mongrel	14	M	Neutrophilic inflammation and haemorrhage	nd	nd	nd	nd	nd	Not available
177	5882	Mongrel	10	F	Septic inflammation	Pos	Neg	Pos	Neg	<i>Acinetobacter baumannii</i> complex	Aspiration pneumonia
178	6609	Mongrel	13	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
179	7258	Mongrel	14	F	Normal	nd	nd	nd	nd	nd	Not available
180	5332	Mongrel	13	F	nd	nd	nd	nd	nd	nd	Not available
181	7832	Mongrel	10	F	Lymphocytic, macrophagic and neutrophilic inflammation	Pos	Neg	Pos	Neg	<i>Pseudomonas putida</i> ; <i>Streptococcus canis</i>	Bacterial broncopneumonia
182	5731 A	Mongrel	5	M	Eosinophilic and macrophagic inflammation	nd	nd	nd	nd	nd	Not available
183	6271	Mongrel	5	M	Septic inflammation	nd	nd	nd	nd	nd	Not available

184	6284	Mongrel	5	M	Not diagnostic	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Interstitial pneumopathy
185	5333	Mongrel	10	F	Normal	nd	nd	nd	nd	nd	not available
186	6361	mongrel	12	M	nd	nd	nd	nd	nd	nd	Not available
187	6797	Mongrel	1	F	Septic inflammation	Pos	Pos	neg	neg	<i>Acinetobacter iwoffii</i>	Bacterial pneumonia
188	7761	Mongrel	13	M	Normal	Pos	Neg	Neg	Neg	<i>Staphylococcus hominis</i>	Tracheal and bronchial collapse
189	5791	Mongrel	8	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
190	8370	Mongrel	13	M	NOrmal	Pos	Neg	Pos	Neg	Neg	Broncomalacia
191	8038	Mongrel	5	F	Normal	nd	nd	nd	nd	nd	Not available
192	8227	Mongrel	11	M	Normal	nd	nd	nd	nd	nd	Not available
193	8418	Mongrel	8	F	Normal	nd	nd	nd	nd	nd	Not available
194	7755	Mongrel	12	M	Normal	nd	nd	nd	nd	nd	Not available
195	7738	Mongrel	7	F	Macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Klebsiella pneumoniae</i>	Not available
196	6603	Mongrel	11	F	Neutrophilic inflammation	Pos	Neg	Pos	Neg	<i>Enterobacter cloacae</i>	Bronchial collapse
197	8284	Mongrel	13	M	Normal	Nd	nd	nd	nd	nd	Interstitial pneumopathy
198	8191	Mongrel	14	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Lymphoplasmacellular rhinitis and pneumopathy

199	7978	Mongrel	14	F	Neutrophilic and eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
200	7252	Mongrel	9	M	Normal	nd	nd	nd	nd	nd	Not available
201	8558	Mongrel	4	M	Normal	nd	nd	nd	nd	nd	Septic pleuritis
202	8593	Mongrel	<1	F	septic inflammation	nd	nd	nd	nd	<i>Enterobacter hormaechei</i>	not available
203	5907	Mongrel	9	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
204	5496	Mongrel	11	F	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
205	6111	Mongrel	16	F	Carcinoma	nd	nd	nd	nd	nd	Lung carcinoma
206	8596	Mongrel	10	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
207	8392	Mongrel	9	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
208	6317	Mongrel	5	M	Neutrophilic inflammation	Neg	Neg	Neg	Neg	<i>Acinetobacter baumannii complex</i>	Tracheal collapse
209	5370	Mongrel	13	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
210	5369	Mongrel	8	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
211	6087	Pitt-bull	12	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Bronchopathy/bronchiectasia
212	5478	Pitt-bull	7	F	Not diagnostic	nd	nd	nd	nd	nd	Not available

213	6710	Pitt-bull	7	M	Lymphoma	nd	nd	nd	nd	nd	Not available
214	6941	Pomeranian dog	10	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
215	7684	Pomeranian dog	3	M	Normal	Pos	Neg	Neg	Neg	<i>Pseudomonas aeruginosa</i> ; <i>Staphylococcus pseudointermedius</i>	Bacterial pneumonia
216	5325	Pomeranian dog	1	M	Normal	nd	nd	nd	nd	nd	Not available
217	52758	Pomeranian dog	7	M	Normal	Pos	Neg	Neg	Neg	<i>Streptococcus agalactiae</i>	Tracheal collapse
218	5977	Pomeranian dog	11	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
219	7301	Pomeranian dog	11	M	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
220	7322	Pug	7	M	Normal	nd	nd	nd	nd	nd	Not available
221	8362	Pug	10	M	Normal	nd	nd	nd	nd	nd	Not available
222	8073	Rottweiler	12	M	Not diagnostic	Pos	Neg	Pos	Neg	<i>Pseudomonas aeruginosa</i>	Bacterial broncopneumonia
223	7128	Rottweiler	8	M	Neutrophilic inflammation	Pos	nd	nd	nd	<i>Klebsiella pneumoniae</i> ; <i>Staphylococcus pseudointermedius</i>	Aspiration pneumonia
224	8404	Samoiedo	10	F	Macrophagic inflammation	nd	nd	nd	nd	Neg	Tracheal collapse
225	5927	Schnauzer	12	M	Macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter</i> spp.	Bronchopathy

226	7318	Segugio austriaco	<1	F	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Bordetella bronchiseptica</i>	Bacterial pneumonia
227	6220	Segugio Italiano	1	M	Eosinophilic inflammation	Neg	Neg	Neg	Neg	Neg	Eosinophilic pneumonia
228	5930	Segugio Italiano	13	M	Macrophagic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter</i> spp.	Not available
229	5766 A	Setter Gordon	5	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
230	51586	shiba-inu	4	F	Eosinophilic inflammation	nd	nd	nd	nd	nd	Eosinophilic pneumonia
231	5966	Shih-tzu	13	M	Eosinophilic inflammation	nd	nd	nd	nd	nd	Not available
232	51363	Shih-tzu	13	F	Normal	Pos	Neg	Neg	Neg	Neg	Chronic bronchopathy
233	5553	Shih-tzu	9	F	Neutrophilic inflammation	Pos	nd	nd	nd	<i>Citrobacter freundii</i>	Brachycephalic airway syndrome
234	7487	Tibetan mastin	10	M	Macrophagic inflammation	Pos	Neg	Neg	Pos	<i>Enterobacter cancerogenous</i>	Bronchitis
235	6550	Toy poddle	15	F	Neutrophilic inflammation	Pos	neg	neg	Pos	<i>Streptococcus canis</i>	Pnuemonia
236	6016	Toy poddle	13	F	Lymphocytic and macrophagic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter freundii</i>	Tracheal collapse and bronchomalacia
237	8398	Vizla	2	M	Eosinophilic and neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Escherichia coli</i>	Bacterial pneumonia
238	7943	Weimaraner	13	F	Eosinophilic inflammation	Pos	Neg	Neg	Neg	<i>Serratia marcescens</i>	Not available
239	7292	Weimaraner	1	M	Normal	Neg	Neg	Neg	Neg	Neg	Bronchopneumonia

240	8459	Weimaraner	1	M	Macrophagic and neutrophilic inflammation with larvae of strongylus	Neg	Neg	Neg	nd	Neg	Angiostrongylosis
241	7403	Weimaraner	8	F	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Pneumopathy
242	42668	West Highland White terrier	11	M	nd	nd	nd	nd	nd	nd	Not available
243	7183	West Highland White terrier	10	F	Septic inflammation	Pos	nd	nd	nd	nd	Rhinitis and pneumopathy
244	52659	West Highland White terrier	13	M	Macrophagic and neutrophilic inflammation	nd	nd	nd	nd	nd	Interstitial pneumopathy
245	5616	Yorkshire Terrier	6	F	Normal	nd	nd	nd	nd	nd	Not available
246	7639	Yorkshire Terrier	14	F	Neutrophilic inflammation	nd	nd	nd	nd	nd	Not available
247	6928	Yorkshire Terrier	8	F	Normal	Pos	Neg	Neg	Neg	Klebsiella pneumoniae	Tracheal collapse
248	6342	Yorkshire Terrier	14	M	Septic inflammation	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Pneumonia
249	5318	Yorkshire Terrier	9	M	Normal	Pos	Neg	Neg	Neg	<i>Serratia marcescens</i>	Tracheal collapse
250	8095	Yorkshire Terrier	11	M	Normal	Neg	Neg	Neg	Neg	Neg	Chronic bronchopathy
251	6912	Zwergpinscher	12	M	Not diagnostic	Pos	Neg	Neg	Neg	<i>Stenotrophomonas maltophilia</i>	Interstitial pneumopathy
252	6881	Zwergpinscher	10	F	Macrophagic and neutrophilic inflammation	Pos	Pos	Neg	Neg	<i>Klebsiella pneumoniae</i>	Bacterial pneumonia
253	8148	Zwergpinscher	13	F	Neutrophilic inflammation	Pos	Neg	Neg	Neg	<i>Serratia marcescens</i>	Interstitial pneumopathy

254	7630	Zwergpinscher	8	M	Normal	Neg	Neg	Neg	Neg	Neg	Bronchial and tracheal collapse
255	5524	Zwergpinscher	10	F	Septic inflammation	Pos	Neg	Neg	Neg	<i>Citrobacter braakii</i> ; <i>Microbacterium</i> <i>paraoxydans</i>	Septic Bronchitis

Table S1: Details of PCP negative dogs (from 23 to 255) including breed, gender, age, clinical signs, radiographic and laboratory findings, treatment, and outcome when available.

Bp = *Bordetella bronchiseptica*

My= mycoplasma

CPIV = Canine parainfluenza virus

nd= not done