

## **Supplementary Information**

### **Serological and molecular epidemiology of canine adenovirus type 1 in red foxes (*Vulpes vulpes*) in the United Kingdom**

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#### **Availability of materials and data**

In Supplementary Dataset S1, the location data for red foxes are anonymised to UK 'vice county' level for data protection reasons. Identifiable clinical data from the dogs and red foxes from veterinary hospitals (i.e. case numbers, owner name) have also been anonymised or removed from both Supplementary Dataset S1 and Supplementary Dataset S2.

**Supplementary Table 1.** Summary of canine adenovirus type 1 (CAV-1) PCR screening results of samples from red foxes determined to be positive for CAV-1 in liver and/or kidney. All other foxes subjected to molecular testing were negative for CAV-1 in liver and kidney by PCR.

Fox ID	Liver	Kidney	Blood	Spleen	Brain	Lung	GIT	Urine	Faeces
061014/2	1	0	0	0	0	-	-	0	-
111114/1	1	0	1	-	1	0	-	0	-
201114/1	1	1	1	-	1	-	-	-	0
201114/2	1	1	1	1	1	1	-	-	0
120115/1	1	0	-	-	-	-	-	-	-
120115/3	1	0	-	-	-	-	-	-	-
300115/1	1	0	0	-	-	0	-	-	-
300115/2	1	1	0	-	-	1	-	1	-
300115/3	0	1	-	-	-	-	-	-	-
020215/1	0	0	0	1	1	0	0	-	0
090315/1	1	1	0	1	0	0	0	1	0
090315/2	1	1	1	-	-	0	-	1	-
030415/1	1	0	0	1	1	0	0	0	0
010515/5	0	1	0	-	-	-	-	-	-
220515/1	1	0	1	1	0	1	0	-	0
15195	1	0	-	-	-	-	-	-	-
15346	0	1	0	-	-	-	-	-	-
15620	1	1	0	-	-	-	-	-	-
15622	1	0	0	-	-	-	-	-	-
15703	0	1	0	-	-	-	-	-	-
15705	0	1	0	-	-	-	-	-	-
16036	1	0	-	-	-	-	-	-	-
16137	0	1	-	-	-	-	-	-	-
16185	1	0	-	-	-	-	-	-	-
16432	0	1	0	-	-	-	-	-	-
16606	1	0	0	-	-	-	-	-	-
17066	1	1	0	-	-	-	-	-	-
17154	1	1	1	-	-	-	-	-	-
17157	1	0	0	-	-	-	-	-	-

1, positive for CAV-1; 0, negative for CAV-1; -, sample not available; GIT, gastrointestinal tract