



VETERINARIA

RIVISTA DI
SANITÀ PUBBLICA
VETERINARIA

ITALIANA

Supplementary material



SI NO	Species	Source code	Sample number	Age	Sex	Sample screened	Diagnostic test	
							dFAT	RT-PCR
1	Tiger	VNPWSBBR	38-S/14	Adult	M	Brain	Negative	Negative
2		SGJUPBR	87-S/14	Tiger cub	M	Brain	Negative	Negative
3		KTRLUK	115-S/14	4 Years	F	Brain	Negative	Negative
4		TWFRUK	219-S/14	Adult	F	Brain	Negative	Negative
5		LKUP	222-P/14	8 Years	M	Brain	Negative	Negative
6		PUP	74-P/15	8 Years	M	Brain	Negative	Negative
7		CZPJ	01-CD/15	Adult	F	Brain	Negative	Negative
8		PTRMP	02-CD/15	Adult	M	Brain	Negative	Negative
9		BBBPRJH	230-S/15	Adult	F	Brain	Negative	Negative
10		CZPJ	99-S/16	Adult	M	Brain	Negative	Negative
11		SGJUPBR	173-S/16	Adult	M	Brain	Negative	Negative
12		PTRMP	175-S/16	Adult	F	Brain	Negative	Negative
13		JCNPRUK	188-S/16	9 Years	M	Brain	Negative	Negative
14		DNPUP	190-P/16	Adult	F	Brain	Negative	Negative
15		TWFRUK	241-S/16	Adult	F	Brain	Negative	Negative
16		LKUP	49-P/17	10 months	F	Brain	Negative	Negative
17	Lion	ELSUP	204-S/14	Adult	F	Brain	Negative	Negative
18		ELSUP	209-S/14	3 Years	M	Brain	Negative	Negative
19		ELSUP	143-P/15	Lion cub	F	Brain	Negative	Negative
20		ELSUP	144-P/15	Lion cub	M	Brain	Negative	Negative
21		ELSUP	145-P/15	Lion cub	F	Brain	Negative	Negative
22		ELSUP	146-P/15	Lion cub	M	Brain	Negative	Negative
23		ELSUP	160-P/15	Lion cub (one month)	M	Brain	Negative	Negative
24		ELSUP	163-P/16	5-6 years	M	Brain	Negative	Negative
25		ELSUP	10-S/16	Adult	F	Brain	Negative	Negative

26	Leopard	CZPJ	104-S/16	Adult	F	Brain	Negative	Negative
27		SZGJGJ	134-S/16	Adult	M	Brain	Negative	Negative
28		SZGJGJ	227-S/16	Adult	F	Brain	Negative	Negative
29		ELSUP	252-P/16	Adult	M	Brain	Negative	Negative
30		BHR	98-S/14	Adult	F	Brain	Negative	Negative
31		PNHZPDWB	136-S/14	3 Years	M	Brain	Negative	Negative
32		SGNPMH	210-S/14	12 Year	F	Brain	Negative	Negative
33		SFBUP	11-P/15	4 Years	M	Brain	Negative	Negative
34		SWSUCTR	62-S/15	Adult	F	Brain	Negative	Negative
35		SWSUCTR	63-S/15	Adult	F	Brain	Negative	Negative
36		SWSUCTR	64-S/15	Adult	M	Brain	Negative	Negative
37		SWSUCTR	65-S/15	Adult	M	Brain	Negative	Negative
38		TWFRUK	149-S/15	Adult	F	Brain	Negative	Negative
39		SFBUP	151-P/15	1 year	M	Brain	Negative	Negative
40		SFBUP	157-P/15	Adult	M	Brain	Negative	Negative
41		JCNPRUK	206-S/15	Adult	M	Brain	Negative	Negative
42		PTRMP	03-CD/15	Adult	M	Brain	Negative	Negative
43		BOD	223-S/15	4 Years	M	Brain	Negative	Negative
44		JCNPRUK	226-S/15	Adult	M	Brain	Negative	Negative
45		MUP	07-P/16	Adult	F	Brain	Negative	Negative
46		PTRMP	17-S/16	7 years	M	Brain	Negative	Negative
47		SFSSUP	19-P/16	Adult	F	Brain	Negative	Negative
48		PTRMP	32-S/16	Adult	M	Brain	Negative	Negative
49		AUP	62-P/16	Adult	F	Brain	Negative	Negative
50		GFMP	01-CD/16	Adult	M	Brain	Positive	Positive
51		CAUP	160-S/16	9 Month	F	Brain	Negative	Negative
52		NRCJR	208-S/16	7 years	M	Brain	Negative	Negative
53		SZGJGJ	226-S/16	Adult	M	Brain	Negative	Negative
54		TWFRUK	229-S/16	Adult	M	Brain	Negative	Negative
55		TWFRUK	230-S/16	Adult	M	Brain	Negative	Negative
56		SFSSUP	239-P/16	Adult	M	Brain	Negative	Negative
57		PTRMP	271-S/16	Adult	M	Brain	Negative	Negative

58		PTRMP	272-S/16	Adult	F	Brain	Negative	Negative
59		TWFRUK	276-S/16	Adult	M	Brain	Negative	Negative
60		KTRLUK	278-S/16	Adult	M	Brain	Negative	Negative
61		TWFRUK	282-S/16	Cub	F	Brain	Negative	Negative
62		TWFRUK	19-S/17	Adult	F	Brain	Negative	Negative
63		RNPDUK	29-S/17	Adult	M	Brain	Negative	Negative
64		RNPDUK	32-S/17	Adult	M	Brain	Negative	Negative
65		KZUP	48-S/17	Adult	M	Brain	Negative	Negative
66	Other felids	SFDMUP	16-P/15 Jungle cat	Newly born	M	Brain	Negative	Negative
67		SFDMUP	73-P/15 Jungle cat	Adult	F	Brain	Positive	Positive
68		RUK	232-S/16 Palm civet cat	Adult	F	Brain	Negative	Negative

Table SM I. Epidemiological Insights into Rabies in Tigers, lions, leopards and other felids.

S. No.	Primer Name	Sequence (5'-3')	Size Bp	Annealing temp (°C)	References
1	RAB_N_F	TAT GAG TAC AAG TAC CCT GCC	205	50	Cherian <i>et al.</i> (2015)
	RAB_N_R	ATT CCA TAG CTG GTC CAG TCT TC			
2	CDV/N_Fwd	5'-GGC GCT CAT CTT GGA CAT-3'	549	52	Kadam el al. (2022)
	CDV/N_Rev	5'-ATT TGG GAT TGC TTA GGA-3'			
3	CDV U-P_F (universal N gene for Morbillivirus)	5'-ATG TTT ATG ATC ACA GCG CGG T-3'	429	52	
	CDV U-P_R	5'-ATT GGG TTG CAC CAC TTG TC-3'			
4	CDV-HIF	5'-TGG TTC ACA AGA TGG TAT TC-3'	613	50	
	CDV-HIR	5'-CAA CAC CAC TAA ATT GGA CT-3'			
5	FPLV F	AAA GAG TAG TTG TAA ATA ATT	618	55	Parthiban et al (2014)
	FPLV R	CCT ATA TAA CCA AAA GTT AGT AG			
6	CAV- 1_F	CACTCGAGATGGCCATCTTAATAT	411	60	Chouinard <i>et al</i> (1998)
	CAV-1_R	TCCTGCAGTTTAGAGCGGACCCTG			

Table SM II. Details of primers used for CDV and RV detection.