Table S2. Neuronal tissue sample cohort from Zanzibar depicting the initial in-field diagnostic screening results and their diagnostic confirmation using the DRIT assay at the Zanzibar Central Veterinary Laboratory.

								Reason for
#	Sample number	Data	Species	Location	District	LFD result	DRIT result	diagnostic
#	number	Date	Species	Location	District	LFD result	DKII result	screening Animal was
								showing signs of
								rabies and was
	004 (00	10.00.000					.	humanely
1	001/22	10-03-2022	Canine	Pongwe Pwani	Central	Positive	Positive	euthanised. Roadkill
2	002/22	14-03-2022	Feline	Kilimani	Urban	Negative	Negative	
3	003/22	20-04-2022	Feline	Kianga	West	Negative	Negative	Roadkill
4	004/22	21-04-2022	Feline	Amani	Urban	Negative	Negative	Roadkill
								Animal was
								showing signs of
								rabies and was humanely
5	005/22	28-04-2022	Canine	Dunga Kiembeni	Central	Negative	Negative	euthanised.
			Wildlife -	_			_	Animal was
			Red colobus					showing signs of
			monkey					rabies and was
6	006/22	28-04-2022	(Piliocolobus kirkii)	Pete	South	Negative	Negative	humanely euthanised.
		20-04-2022	,	rete		ivegative	ivegative	Roadkill
7	007/22	01-05-2022	Feline	Mpendae	Urban	Negative	Negative	
								Animal was showing signs of
								rabies and was
								humanely
8	008/22	05-05-2022	Canine	Chukwani	West	Negative	Negative	euthanised.
								Animal was
								showing signs of
								rabies and was humanely
9	009/12	25-05-2022	Feline	Mikunguni	Urban	Negative	Negative	euthanised.
				Ğ		J	5	Animal was
								showing signs of
								rabies and was
								killed by community
10	010/22	27-05-2022	Canine	Ndijani mseweni	Central	Positive	Positive	members.
	,			,				Animal was
								showing signs of
								rabies and was killed by
	011/22							community
11	*	12-06-2022	Canine	Ndijani mseweni	Central	Negative	Positive	members.
12	012/22	14-06-2022	Feline	Gulioni	Urban	Negative	Negative	Roadkill
	,							Animal was
								showing signs of
								rabies and was
13	013/22	17-06-2022	Canine	Dunga Bweni	Central	Negative	Negative	humanely euthanised.
						, i		Roadkill
14	014/22	28-06-2022	Canine	Jambiani Kibigija	South	Negative	Negative	Animal was
								showing signs of
								rabies and was
								humanely
15	015/22	05-07-2022	Feline	Mikunguni	Urban	Negative	Negative	euthanised.
16	016/22	05-07-2022	Canine	Dole	West	Negative	Negative	Roadkill
17	017/22	06-07-2022	Feline	Pain	South	Negativo	Negativo	Animal was showing signs of
1/	01//22	00-07-2022	reime	Paje	วบนเท	Negative	Negative	SHOWING SIGNS OF

		•	1			1	•	1
								rabies and was
								humanely euthanised.
								Animal was
								showing signs of
								rabies and was
								killed by
18	018/22	18-07-2022	Canine	Pagali	Central	Negative	Negative	community members.
	010,11	10 07 1011	Carrie	. 484	- Contrai	reguire		Animal was
								showing signs of
								rabies and was
								killed by community
19	019/22	23-08-2022	Canine	Fuoni Migombani	West	Negative	Negative	members.
						_	_	Animal was
								showing signs of
								rabies and was humanely
20	020/22	01-09-2022	Canine	Kibweni	West	Positive	Positive	euthanised.
	,							Animal was
								showing signs of
								rabies and was
21	021/22	15-09-2022	Canine	Maungani	West	Positive	Positive	humanely euthanised.
				_				Roadkill
22	022/22	04-10-2022	Feline	Mwanakwerekwe	West	Negative	Negative	Roadkill
23	023/22	12-10-2022	Feline	Muembeshauri	Urban	Negative	Negative	
								Animal was showing signs of
								rabies and was
								killed by
								community
24	024/22	12-10-2022	Caprine	Nyamanzi	West	Negative	Negative	members. Found dead
25	025/22	24-10-2022	Bat	Dunga Bweni	Central	Negative	Negative	
								Animal was showing signs of
								rabies and was
								humanely
26	026/22	28-10-2022	Canine	Uzini	Central	Negative	Negative	euthanised.
								Animal was showing signs of
								rabies and was
								humanely
27	027/22	28-10-2022	Canine	Uzini	Central	Negative	Negative	euthanised.
28	028/22	02-11-2022	Canine	Bububu	West	Negative	Negative	Roadkill
								Animal was
								showing signs of rabies and was
								humanely
29	029/22	03-11-2022	Canine	Ndijani mseweni	Central	Positive	Positive	euthanised.
								Animal was
								showing signs of rabies and was
				Kikwajuni				humanely
30	030/22	23-11-2022	Feline	Bondeni	Urban	Positive	Positive	euthanised.
	024/55	04.42.2222	6 .	Mwembe				Roadkill
31	031/22	04-12-2022	Canine	Makumbi	Urban	Negative	Negative	Animal was
								showing signs of
								rabies and was
22	022/22	04.43.3033	C	Frank Miles III	144	Nessel	Ni	humanely
32	032/22	04-12-2022	Canine	Fuoni Kibondeni	West	Negative	Negative	euthanised. Animal was
								showing signs of
								rabies and was
22	022/22	24.42.2022	Caute	Malianiana	Canturi	Des.''	Death's	humanely
33	033/22	24-12-2022	Canine	Ndijani mseweni	Central	Positive	Positive	euthanised.

								Animal was showing signs of rabies and was humanely
34	034/22	28-12-2022	Canine	Maungani	West	Negative	Negative	euthanised. Animal was showing signs of rabies and was humanely
35	035/22	28-12-2022	Canine	Bungi	Central	Negative	Negative	euthanised.
36	036/22	28-12-2022	Canine	Nungwi	North A	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
	•			J		Ü	Ü	Animal was
37	001/23	09-01-2023	Canine	Maungani	West	Negative	Negative	showing signs of rabies and was humanely euthanised.
3,			Wildlife -					Roadkill
38	002/23	11-01-2023	Red colobus monkey (<i>Piliocolobus</i> <i>kirkii</i>)	Jozani	South	Negative	Negative	
39	003/23	12-01-2023	Canine	Pagali	Central	Negative	Negative	Animal was showing signs of rabies and was killed by community members.
33			Carmic					Animal was
40	004/23	19-01-2023	Canine	Jambiani Kibigija	South	Negative	Negative	showing signs of rabies and was humanely euthanised.
-10			Carmic					Animal was
41	006/23	25-01-2023	Canine	Tunguu	Central	Positive	Positive	showing signs of rabies and was humanely euthanised.
42	007/23	31-01-2023	Canine	Kisauni	West	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
43	008/23	01-02-2023	Bovine	Kilombero	North B	Positive	Positive	Animal was showing signs of rabies and was killed by community members.
	009/23	10-02-2023	Canina	Kiwengwa	North B	Positive	Positive	Animal was showing signs of rabies and was humanely
44			Canine					euthanised. Animal was
	010/23	11-02-2023		Bububu	West	Positive	Positive	showing signs of rabies and was humanely
45			Canine					euthanised. Animal was
	011/23	14-02-2023		Kisauni	West	Negative	Negative	showing signs of rabies and was humanely
46			Canine					euthanised. Animal was
47	012/23	14-02-2023	Canine	Fuoni Kibondeni	West	Positive	Positive	showing signs of rabies and was

								humanely euthanised.
48	013/23	16-02-2023	Canine	Maungani	West	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
49	014/23	21-02-2023	Canine	Jambiani kikadini	South	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
50	015/23	20-03-2023	Feline	Kama	West	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
51	016/23	21-03-2023	Canine	Kiembesamaki	West	Positive	Positive	Animal was showing signs of rabies and was humanely euthanised.
52	017/23	26-03-2023	Canine	Kilombero	North B	Positive	Positive	Animal was showing signs of rabies and was humanely euthanised.
53	018/23	28-03-2023	Canine	Tunguu	Central	Positive	Positive	Animal was showing signs of rabies and was humanely euthanised.
54	019/23	01-04-2023	Rodent	Kizimbani	West	Negative	Negative	Found dead
55	020/23	03-04-2023	Canine	Kiembesamaki	West	Positive	Positive	Animal was showing signs of rabies and was humanely euthanised.
56	021/23	13-04-2023	Canine	Kitogani	South	Negative	Negative	Roadkill
57	022/23	04-05-2023	Feline	Kisiwandui	Urban	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
58	023/23	05-05-2023	Canine	Pete	South	Negative	Negative	Roadkill
59	024/23	15-05-2023	Canine	Fuoni Kipungani	West	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
60	025/23	19-05-2023	Feline	Shangani	Urban	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
61	026/23	22-05-2023	Canine	Pangawe	West	Negative	Negative	Animal was showing signs of rabies and was humanely euthanised.
	027/23	24-05-2023						Animal was showing signs of rabies and was humanely
62	028/23	08-06-2023	Feline Feline	Mwanakwerekwe Kilombero	West North B	Negative Positive	Negative Positive	euthanised. Animal was showing signs of rabies and was

1 1								humanely
								euthanised.
								Animal was
	029/23	18-06-2023						showing signs of rabies and was
	029/23	16-00-2025						humanely
64			Feline	Paje	South	Negative	Negative	euthanised.
				•		Ŭ	J	Animal was
								showing signs of
	030/23	18-06-2023						rabies and was
								humanely
65			Canine	Dole	West	Negative	Negative	euthanised.
								Animal was showing signs of
	031/23	18-06-2023						rabies and was
	, .							humanely
66			Canine	Dole	West	Negative	Negative	euthanised.
			Wildlife -					Animal was
			Red colobus					showing signs of
	032/23	21-06-2023	monkey					rabies and was
67			(Piliocolobus kirkii)	Dole	West	Negative	Negative	humanely euthanised.
- 07			KII KII J	Dole	West	Negative	Negative	Animal was
								showing signs of
	033/23	26-06-2023	Ovine					rabies and was
								humanely
68				Kibweni	West	Negative	Negative	euthanised.
								Animal was
	034/23	27-06-2023					Nogativo	showing signs of rabies and was
	034/23	27-00-2023					Negative	humanely
69			Feline	Mombasa	West	Negative		euthanised.
						, i		Animal was
								showing signs of
	035/23	16-07-2023	Ovine		West	Negative	Negative	rabies and was
70				IZI dariba ad				humanely
70				Kizimbani				euthanised. Animal was
			Wildlife -					showing signs of
	036/23	25-07-2023	Bush Baby			Negative	Negative	rabies and was
	•		(Paragalago				, and the second	humanely
71			zanzibaricus)	Chuini	West			euthanised.
								Animal was
	027/22	20.07.2022				Ni santi s	Manadia	showing signs of
	037/23	29-07-2023				Negative	Negative	rables and was humanely
72			Feline	Fukuchani	North A			euthanised.
,,				. anderidin				Animal was
								showing signs of
	038/23	29-07-2023				Negative	Negative	rabies and was
								humanely
73			Feline	Mtoni	West			euthanised.
								Animal was showing signs of
	039/23	30-07-2023				Negative	Negative	rabies and was
	033/23	30 07-2023				regative	regative	humanely
74			Feline	Kiponda	Urban			euthanised.
75	040/23	29-08-2023	Canine	Mtoni kidatu	West	Negative	Negative	Found dead
76	041/23	29-08-2023	Canine	Mtoni kidatu	West	Negative	Negative	Found dead
77	042/23	29-08-2023	Canine	Mtoni kidatu	West	Negative	Negative	Found dead
			Wildlife –					Roadkill
	043/23	17-10-2023	African Civet			Negative	Negative	
	0 75/25	1, 10 2023	(Nandinia	<u>.</u>		11Cgative	regulive	
78			binotata)	Cheju	Central			Roadkill
79	044/23	25-10-2023	Canine	Dole	West	Negative	Negative	Animal was
	045/23	03-11-2023	Canine	Mwembe		Negative	Negative	showing signs of
80	-, -0			Makumbi	Urban			rabies and was
	<u> </u>	<u> </u>				1	1	

								humanely
								euthanised.
								Animal was
								showing signs of
	046/23	09-11-2023	Feline			Positive	Positive	rabies and was
								humanely
81				Tindini	Central			euthanised.
								Animal was
								showing signs of
	047/23	14-11-2023	Canine			Positive	Positive	rabies and was
								humanely
82				Tindini	Central			euthanised.
								Animal was
								showing signs of
	048/23	03-12-2023	Canine			Negative	Negative	rabies and was
								humanely
83				Nungwi	North A			euthanised.

^{*} Denotes samples that produced inconsistent results with the LFD and DRIT assay.