

Table S1. Mammals captured in the Amapá state and included in this study. The samples used and the trypanosomatid 18S rRNA PCR results are shown.

Order	Animal	Sex	Sample	PCR Results	Municipality	Coordinates_Municipality
Didelphimorphia	<i>Monodelphis touan</i>	M	Liver	Negative	Santana	00° 03' 30" S 51° 10' 54" W
	<i>Monodelphis touan</i>	M	Spleen	Negative	Santana	00° 03' 30" S 51° 10' 54" W
	<i>Cryptonanus</i> sp.	F	Spleen and liver (pooled)	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Marmosa demerarae</i>	F	Liver	Positive	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Marmosa murina</i>	M	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Marmosa murina</i>	M	Liver	Positive	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Monodelphis touan</i>	M	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Marmosa murina</i>	M	Liver	Positive	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Marmosa murina</i>	M	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Metachirus nudicaudatus</i>	M	Spleen and liver (pooled)	Positive	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Philander opossum</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Marmosa murina</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Didelphis marsupialis</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Marmosa murina</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Philander opossum</i>	M	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Marmosa murina</i>	M	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Marmosa murina</i>	M	Spleen	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Didelphis marsupialis</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Monodelphis touan</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Marmosa demerarae</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
	<i>Monodelphis touan</i>	F	Spleen	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
	<i>Monodelphis touan</i>	N/D	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
	<i>Philander opossum</i>	F	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
	<i>Philander opossum</i>	M	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W

<i>Marmosa demerarae</i>	F	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Didelphis marsupialis</i>	F	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Monodelphis touan</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Cryptonanus</i> sp.	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Hyladelphys kalynowskii</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Monodelphis touan</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Gracilinanus emiliae</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Cryptonanus</i> sp.	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Cryptonanus</i> sp.	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Marmosa murina</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Cryptonanus</i> sp.	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Gracilinanus emiliae</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Cryptonanus</i> sp.	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Didelphis marsupialis</i>	F	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis marsupialis</i>	M	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis imperfecta</i>	M	Spleen and liver (pooled)	Positive	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	F	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	M	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	F	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis marsupialis</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Philander opossum</i>	M	Spleen and liver (pooled)	Positive	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis marsupialis</i>	F	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis marsupialis</i>	F	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Marmosa murina</i>	M	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
<i>Didelphis marsupialis</i>	M	Blood	Negative	Macapá	00° 02' 20" N 51° 03' 59" W

Rodentia	<i>Hylaeamys megacephalus</i>	F	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Zygodontomys brevicauda</i>	M	Spleen	Positive	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Zygodontomys brevicauda</i>	M	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Proechimys guyannensis</i>	F	Liver	Negative	Mazagão	00° 06' 54" S 51° 17' 22" W
	<i>Zygodontomys brevicauda</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Zygodontomys brevicauda</i>	M	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Zygodontomys brevicauda</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Oecomys rutilus</i>	M	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Zygodontomys brevicauda</i>	M	Spleen and liver (pooled)	Positive	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Calçoene	02° 29' 51" N 50° 56' 55" W
	<i>Proechimys cuvieri</i>	F	Spleen	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Proechimys cuvieri</i>	F	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Proechimys cuvieri</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Positive	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Oecomys auyantepui</i>	M	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Oecomys</i> sp.	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
	<i>Dactylomys dactylinus</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W

<i>Dactylomys dactylinus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys guyannensis</i>	F	Spleen	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys guyannensis</i>	F	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Hylaeamys megacephalus</i>	F	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Mesomys hispidus</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys cuvieri</i>	M	Liver	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys cuvieri</i>	M	Spleen	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Positive	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Itaubal	00° 42' 42" N 50° 48' 00" W
<i>Zygodontomys brevicauda</i>	F	Spleen and liver (pooled)	Positive	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Hylaeamys megacephalus</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Neacomys paracou</i>	M	Spleen and liver (pooled)	Positive	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Sigmodon alstoni</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys cuvieri</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Zygodontomys brevicauda</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Oecomys bicolor</i>	F	Spleen and liver (pooled)	Positive	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W

<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Positive	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Sigmodon alstoni</i>	F	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Oecomys bicolor</i>	M	Spleen and liver (pooled)	Negative	Amapá	02° 03' 12" N 50° 47' 35" W
<i>Hylaeamys megacephalus</i>	F	Spleen and liver (pooled)	Positive	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Neacomys paracou</i>	M	Spleen and liver (pooled)	Positive	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Neacomys paracou</i>	M	Spleen and liver (pooled)	Positive	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Neacomys paracou</i>	M	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Neacomys paracou</i>	M	Liver	Positive	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Proechimys guyannensis</i>	F	Spleen	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Neacomys paracou</i>	M	Spleen and liver (pooled)	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Hylaeamys megacephalus</i>	M	Spleen	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Proechimys cuvieri</i>	M	Liver	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Proechimys cuvieri</i>	M	Spleen	Negative	Oiapoque	03° 50' 35" N 51° 50' 06" W
<i>Rhynchomys nitela</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Zygodontomys brevicauda</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Neacomys paracou</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Neacomys paracou</i>	M	Liver	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Oecomys rutilus</i>	M	Liver	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
<i>Proechimys guyannensis</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W

	<i>Rattus rattus</i>	F	Spleen and liver (pooled)	Negative	Porto Grande	00° 42' 48" N 51° 24' 48" W
	<i>Proechimys guyannensis</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
	<i>Mesomys hispidus</i>	F	Spleen and liver (pooled)	Positive	Macapá	00° 02' 20" N 51° 03' 59" W
	<i>Mesomys hispidus</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W
	<i>Nectomys rattus</i>	M	Spleen and liver (pooled)	Negative	Macapá	00° 02' 20" N 51° 03' 59" W

legends: M: male, F: female, N/D: not determined

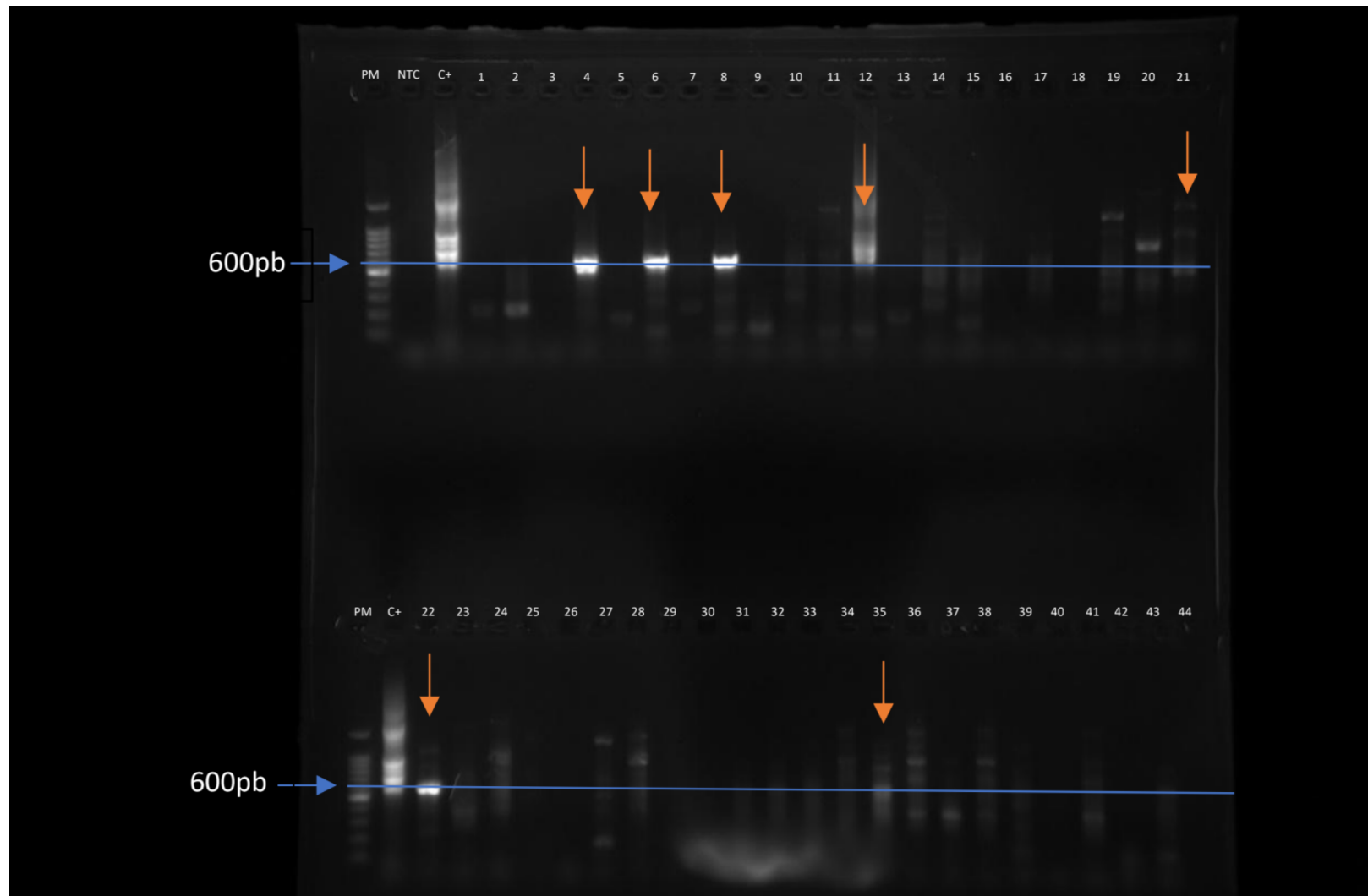


Figure S1. Representative gel with some of the small mammal samples positive at the first nested-PCR.
 Note: For more details, see Methods, Table 2, Figure 1 and Table S1.

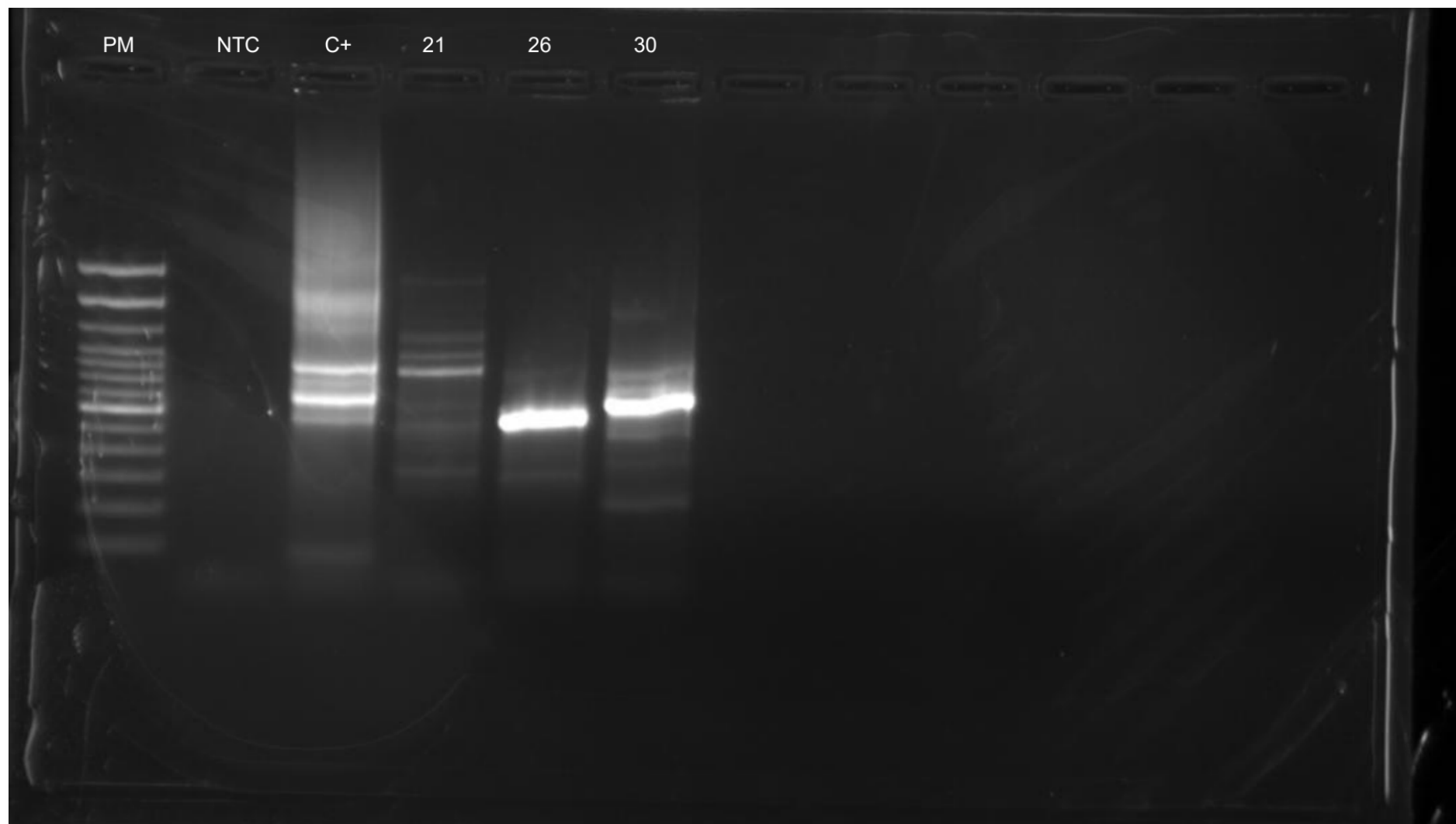


Figure S2. Gel with the three small mammal samples that were positive in the second nested-PCR assay.
Note: For more details, see Methods, Table 2, Figure 1 and Table S1.