

**Supplementary Table S1:** Mycobacteria detected in rodents and insectivores in and around Morogoro, Tanzania

Mycobacteria <sup>a</sup>	Small mammal species	Trapping site	Reactor status <sup>b</sup> (Present/Past/Future)	Organ <sup>c</sup>	Detected by PCR or Culture	Number of colonies detected by culture
Human risk group 1 <sup>e</sup>						
<i>M. duvalii</i> ***	<i>C. gambianus</i>	Mwembesongo	na	Spleen	Culture	1
<i>M. gordonae</i>	<i>A. albiventris</i>	Slaughterhouse	na	Liver/Spleen	PCR	
<i>M. gordonae</i> -like	<i>C. gambianus</i>	Mwembesongo	na	Liver	PCR	
<i>M. gordonae</i> -like**	<i>C. hirta</i>	Cattle farm	RR/nt/NR	ML	Culture	1
<i>M. gordonae</i> -like	<i>C. hirta</i>	Cattle farm	RR/NR/nt	Liver	PCR	
<i>M. gordonae</i> -like	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Liver	PCR	
<i>M. moriokaense</i> *	<i>R. rattus</i>	Cattle farm	RR/nt/RR	ML	Culture	1
<i>M. mucogenicum</i>	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	ML	PCR	
<i>M. nonchromogenicum</i>	<i>C. hirta</i>	Cattle farm	RR/RR/nt	Lung	Culture	1
<i>M. nonchromogenicum</i> * <sup>d</sup>	<i>R. rattus</i>	Cattle farm	RR/nt/RR	Liver	Culture	1
<i>M. nonchromogenicum</i> -like	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Lung	Culture	1
<i>M. nonchromogenicum</i> -like	<i>R. rattus</i>	Cattle farm	NR/nt/NR	ML	PCR	
<i>M. sphagni</i> -like	<i>R. rattus</i>	Cattle farm	NR/nt/NR	Lung	PCR	
<i>M. terrae</i>	<i>C. hirta</i>	Cattle farm	RR/nt/RR	Liver/Spleen/Lung	Culture	1
<i>M. terrae</i> ***	<i>C. gambianus</i>	Mwembesongo	na	Liver	Culture	1
<i>M. terrae</i>	<i>R. rattus</i>	Cattle farm	RR/RR/nt	Swollen foot	Culture	1
Human risk group 2 <sup>e</sup>						

<i>M. chelonae</i> var. <i>niacinogenes</i>	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Liver	PCR and culture	17
<i>M. genavense</i> -like	<i>C. hirta</i>	Cattle farm	RR/nt/RR	Lung	PCR	
<i>M. intracellulare</i> ***	<i>C. gambianus</i>	Mwembesongo	na	Lung	Culture	1
<i>M. intracellulare</i>	<i>C. hirta</i>	Slaughterhouse	na	Spleen/Lung/ ML	Culture	1
<i>M. intracellulare</i>	<i>C. hirta</i>	Cattle farm	RR/nt/NR	ML	PCR and culture	7
<i>M. intracellulare</i>	<i>C. hirta</i>	Cattle farm	RR/RR/nt	Liver/Lung	Culture	1
<i>M. intracellulare</i>	<i>M. natalensis</i>	Slaughterhouse	na	Lung	PCR and culture	1
<i>M. intracellulare</i> -like	<i>C. gambianus</i>	Mwembesongo	na	ML	Culture	1
<i>M. intracellulare</i> -like	<i>C. gambianus</i>	Cattle farm	RR/RR/nt	ML	Culture	1
<i>M. intracellulare</i> -like	<i>C. hirta</i>	Cattle farm	RR/RR/nt	Lung	Culture	1
<i>M. scrofulaceum</i> -like	<i>C. gambianus</i>	Mwembesongo	na	Spleen	Culture	1
<i>M. szulgai</i>	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Lung	PCR	
MAIS	<i>C. gambianus</i>	Mwembesongo	na	Lung	PCR and culture	3
MAIS	<i>C. gambianus</i>	Mwembesongo	na	ML	Culture	1
MAIS	<i>C. hirta</i>	Cattle farm	RR/nt/NR	ML	PCR and culture	18
Recently described species, not yet classified*						
<i>M. alsiensis</i>	<i>M. natalensis</i>	Cattle farm	RR/RR/nt	Spleen	PCR and culture	1
<i>M. chimaera</i>	<i>C. hirta</i>	Cattle farm	RR/nt/NR	Spleen/Lung	Culture	1
<i>M. chimaera</i> -like	<i>C. hirta</i>	Cattle farm	NR/NR/nt	Spleen	Culture	1
<i>M. colombiense</i>	<i>C. hirta</i>	Cattle farm	RR/nt/RR	ML	PCR and culture	20
<i>M. frederiksborgense</i> -like	<i>M. natalensis</i>	Cattle farm	RR/RR/nt	Lung	PCR	

<i>M. goodii</i> <sup>d</sup>	<i>R. rattus</i>	Cattle farm	RR/nt/RR	Lung	Culture	1
<i>M. immunogenum</i>	<i>R. rattus</i>	Cattle farm	NR/nt/NR	Spleen	PCR	
<i>M. septicum</i>	<i>A. albiventris</i>	Slaughterhouse	na	Liver	PCR	
<i>M. septicum</i>	<i>M. natalensis</i>	Cattle farm	RR/nt/NR	Spleen	PCR	
<i>M. septicum</i>	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	ML	PCR	
Not identified species						
<i>Mycobacterium</i> sp.	<i>C. gambianus</i>	Slaughterhouse	na	Lung	Culture	1
<i>Mycobacterium</i> sp.	<i>R. rattus</i>	Cattle farm	RR/nt/NR	Lung	Culture	1
<i>Mycobacterium</i> sp.	<i>R. rattus</i>	Cattle farm	RR/nt/RR	Lung	PCR	
<i>Mycobacterium</i> sp.	<i>C. hirta</i>	Cattle farm	RR/nt/RR	Spleen	PCR	
<i>Mycobacterium</i> sp.	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Lung	PCR	
<i>Mycobacterium</i> sp.	<i>M. natalensis</i>	Cattle farm	RR/nt/RR	Lung	PCR	
<i>Mycobacterium</i> sp.	<i>C. hirta</i>	Cattle farm	RR/RR/nt	Spleen	PCR	

<sup>a</sup>\*, <sup>\*\*</sup> and <sup>\*\*\*</sup> point out mycobacteria detected in the same group of animals, but in different organs.

<sup>b</sup> RR = reacting, NR = non-reacting, na = not applicable, nt = not tested

<sup>c</sup> ML = mesenteric lymph nodes

<sup>d</sup> These mycobacteria were first detected in 2005 in *R. rattus* trapped on a farm and were later detected in 2006 in the milk of cattle residing on the same farm (see Table 6).

<sup>e</sup> The classification in Human risk groups is based on the clinical point of view in which human risk group 1 contain species that never, or with extreme rarity cause disease. Human risk group 2 are species that normally live freely in the environment but also cause opportunistic infections in humans. Human risk group 3 are the obligate pathogens (*M. tuberculosis* complex and *M. leprae*) [50].