

Supplementary data

Table S1. Raw data (colony forming unit counts) used for log10 calculation of CFU for the inoculum dose and from footpad homogenates from mice infected with *M. ulcerans* into one or two footpads and treated with escalating doses of rifamycins in combination with clarithromycin. W, week; D, Day; fp, footpad; +, number too high to count; c, plate contaminated

Time-point	Replicate / Mouse	CFU read out from plated 10-fold dilutions; results in bold cells were used for calculation						Log ₁₀ CFU per fp	mean (+/- SD)	Group mean (+/- SD)
		-5	-4	-3	-2	-1	neat			
Inoculum	1	5	61	+	+	+	+	6,78	idem	idem
W-5 fp 1	1	0	1	24	+	+	+	5.08	4,57 +/- 0,61	3,74 +/- 1,64
	2	0	0	11	+	+	+	4.74		
	3	0	1	7	+	+	+	4.54		
	4	0	1	17	+	+	+	4.93		
	5	0	0	0	7	72	+	3.54		
W-5 fp 2	1	0	2	27	+	+	+	5.13	2,91 +/- 2,67	
	2	0	1	10	+	+	+	4.70		
	3	0	3	11	+	+	+	4.74		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
D0 fp 1	1	0	2	24	+	+	+	5.08	5,30 +/- 0,60	idem
	2	2	8	80	+	+	+	5.60		
	3	2	29	200	+	+	+	6.16		
	4	0	0	8	80	+	+	4.60		
	5	0	2	24	250	+	+	5.08		
W2 none fp 1	1	0	27	+	+	+	+	6.13	6,40 +/- 0,36	6,31 +/- 0,31
	2	3	30	+	+	+	+	6.18		
	3	16	+	+	+	+	+	6.90		
	4	9	+	+	+	+	+	6.65		
	5	0	26	+	+	+	+	6.11		
W2 none fp 1	1	3	30	+	+	+	+	6.18	6,22 +/- 0,26	
	2	3	22	+	+	+	+	6.04		
	3	3	24	+	+	+	+	6.08		
	4	8	100	+	+	+	+	6.60		
	5	missing / excluded replicate								
W2 R10S150 fp 1	1	0	0	0	1	14	150	2.85	2,99 +/- 0,73	idem
	2	0	0	0	0	7	66	2.55		
	3	0	0	0	20	200	+	4.00		
	4	0	0	0	3	52	500	3.42		
	5	0	0	0	0	2	28	2.15		
W2 R10 fp 1	1	0	1	23	230	+	+	5.06	5,06 +/- 0,32	idem
	2	0	2	22	220	+	+	5.04		
	3	0	2	24	250	+	+	5.08		
	4	0	14	65	650	+	+	5.51		
	5	0	1	8	80	+	+	4.60		
W2	1	0	13	100	+	+	+	5.81		

R5C100 fp 1	2	0	5	23	+	+	+	5.06	5,44 +/- 0,35	5,31 +/- 0,39
	3	1	13	+	+	+	+	5.81		
	4	0	4	39	+	+	+	5.29		
	5	2	4	33	+	+	+	5.22		
W2 R5C100 fp 2	1	1	9	51	+	+	+	5.41	5,19 +/- 0,42	
	2	3	5	25	+	+	+	5.10		
	3	0	0	8	+	+	+	4.60		
	4	0	11	100	+	+	+	5.74		
W2 R10C100 fp 1	5	0	0	24	+	+	+	5.08	3,98 +/- 1,05	idem
	1	0	1	5	51	500	+	4.41		
	2	0	0	1	11	110	+	3.74		
	3	0	0	4	33	30	+	4.22		
	4	0	0	30	300	+	+	5.18		
W2 R20C100 fp 1	5	0	0	0	0	0	43	2.33	3,04 +/- 0,91	2,85 +/- 1,01
	1	0	0	1	7	50	500	3.40		
	2	0	0	0	0	0	9	1.66		
	3	0	0	0	3	31	300	3.19		
	4	0	0	0	6	12	100	2.78		
W2 R20C100 fp 2	5	0	1	2	28	+	+	4.15	2,67 +/- 1,10	
	1	0	0	0	0	16	100	2.90		
	2	0	0	0	0	1	5	1.41		
	3	0	0	0	0	2	12	1.79		
	4	0	0	0	29	200	1000	4.16		
W2 R40C100 fp 1	5	0	0	0	0	25	200	3.10	2,03 +/- 1,26	1,89 +/- 0,96
	1	0	2	3	28	+	+	4.15		
	2	0	0	0	1	0	1	0.78		
	3	0	0	0	0	1	12	1.79		
	4	0	0	0	2	0	16	1.91		
W2 R40C100 fp 2	5	0	0	0	0	1	7	1.56	1,74 +/- 0,67	
	1	0	0	0	0	9	100	2.65		
	2	0	0	0	0	0	9	1.66		
	3	0	0	0	0	0	1	0.78		
	4	0	0	0	0	4	10	1.71		
W2 P5C10 fp 1	5	0	0	0	0	0	16	1.91	2,52 +/- 0,94	2,50 +/- 1,29
	1	0	0	0	0	14	100	2.85		
	2	0	0	0	0	5	23	2.06		
	3	0	0	0	0	0	3	1.20		
	4	0	0	0	10	100	500	3.70		
W2 P5C10 fp 2	5	0	0	0	0	12	100	2.78	2,49 +/- 1,64	
	1	0	0	0	0	14	41	2.85		
	2	0	0	0	3	55	200	3.44		
	3	0	0	0	0	0	0	0.00		
	4	0	1	3	37	200	500	4.27		
W2 P10C10 fp 1	5	0	0	0	0	4	15	1.88	2,24 +/- 0,96	2,66 +/- 1,30
	1	0	0	0	0	2	15	1.88		
	2	0	0	0	0	0	2	1.04		
	3	0	0	0	0	0	19	1.98		

	4	0	0	0	0	10	19	2.70		
	5	0	0	1	8	80	500	3.60		
W2 P10C10 fp 2	1	0	0	0	0	11	57	2.74	3,09 +/- 1,63	
	2	0	0	0	0	1	2	1.04		
	3	0	0	0	5	30	100	3.18		
	4	0	0	0	1	15	100	2.88		
	5	1	8	80	+	+	+	5.60		
W2 P20C10 fp 1	1	0	c	0	15	90	+	3.88	1,96 +/- 1,84	2,02 +/- 1,71
	2	0	0	0	0	10	150	2.70		
	3	0	0	0	5	35	150	3.24		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
W2 P20C10 fp 2	1	0	0	0	4	42	+	3.32	2,08 +/- 1,58	
	2	0	0	0	16	+	+	3.90		
	3	0	0	0	0	2	18	1.96		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	3	1.20		
W4 none fp 1	1	missing / excluded replicate							4,42 +/- 1,73	4.86 +/- 1,38
	2	0	0	18	+	+	+	4.95		
	3	0	0	0	0	1	6	1.71		
	4	missing / excluded replicate								
	5	0	13	+	+	+	+	5.81		
W4 none fp 2	1	8	+	+	+	+	+	6.60	5.31 +/- 1,03	
	2	0	6	0	0	0	0	5.48		
	3	0	0	0	26	+	+	4.11		
	4	0	0	22	+	+	+	5.04		
	5	missing / excluded replicate								
W4 R10S150 fp 1	1	0	0	0	0	0	0	0.00	0,59 +/- 1,32	idem
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	1	18	200	2.95		
W4 C100 fp 1	1	0	0	0	0	8	0	2.60	4,31 +/- 1,07	3,30 +/- 1,09
	2	0	0	0	0	0	0	0.00		
	3	0	0	7	+	+	+	4.54		
	4	0	0	23	+	+	+	5.06		
	5	0	0	0	46	+	+	4.36		
W4 C100 fp 2	1	7	0	0	0	0	0	6.54	3,79 +/- 1,12	
	2	0	0	0	0	0	0	0.00		
	3	0	8	0	0	0	0	5.60		
	4	0	0	0	6	0	0	2.48		
	5	0	0	0	41	+	+	4.31		
W4 R10 fp 1	1				0	1	8	1.61	1,77 +/- 0,39	idem
	2				0	0	8	1.61		
	3				0	2	12	1.79		
	4				0	2	53	2.42		

	5				0	0	5	1.41		
W4 R5C100 fp 1	1	0	0	0	0	1	+	1.71	2,23 +/- 1,01	2,11 +/- 1,48
	2	0	0	0	0	0	3	1.20		
	3	0	0	0	0	13	+	2.81		
	4	0	0	0	0	1	+	1.71		
	5	0	0	0	10	+	+	3.70		
W4 R5C100 fp 1	1	0	0	0	0	0	0	0.00	1,99 +/- 1,95	
	2	0	0	0	0	0	31	2.19		
	3	0	0	0	18	+	+	3.95		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	13	+	+	3.81		
W4 R10/C100 fp 1	1				0	1	2	1.04	1,77 +/- 0,44	idem
	2				0	0	29	2.16		
	3				0	0	18	1.96		
	4				0	0	11	1.75		
	5				0	0	18	1.96		
W4 R20/C100 fp 1	1	0	0	0	0	0	0	0.00	0,16 +/- 0,35	0,31 +/- 0,69
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	1	1	+	0.78		
	5	0	0	0	0	0	0	0.00		
W4 R20/C100 fp 2	1	0	0	0	0	0	0	0.00	0,46 +/- 1,03	
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	1	4	+	1.71		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
W4 R40/C100 fp 1	1	0	0	0	0	0	0	0.00	0,00	0,00
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
W4 R40/C100 fp 2	1	0	0	0	0	0	0	0.00	0,00	
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
W4 P5 fp 1	1	0	0	0	0	0	0	0.00	0,00	0,00
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		
W4 P5C100 fp 1	1	0	0	0	0	0	0	0.00	0,00	0,00
	2	0	0	0	0	0	0	0.00		
	3	0	0	0	0	0	0	0.00		
	4	0	0	0	0	0	0	0.00		
	5	0	0	0	0	0	0	0.00		

