

Table S3. Detection of *M. ulcerans* DNA by qPCR with KR and IS2404 sequences. Results are given for pools of aquatic vertebrates and invertebrates from Akonolinga (12 months of sampling) and Bankim (4 months of sampling). All pools were tested for the KR sequence. KR positive pools were then confirmed by IS2404. Only pools positive to both sequences were considered positive.

		Akonolinga			Bankim		
		KR+ / Total	IS24+ / KR+	KR+ & IS24+ /	KR+ / Total	IS24+ / KR+	KR+ & IS24+ /
Vertebrates	Fish	9/66 (13.6)	6/9 (66.7)	6/66 (9.1)	6/57 (10.5)	5/6 (83.3)	5/57 (8.8)
	Anura	8/102 (7.8)	6/8 (75)	6/102 (5.9)	7/47 (14.9)	4/7 (57.1)	4/47 (8.5)
Invertebrates	Insecta						
	Odonata	29/242 (12)	18/29 (62.1)	18/242 (7.4)	16/120 (13.3)	16/16 (100)	16/120 (13.3)
	Ephemeroptera	26/239 (10.9)	12/26 (46.2)	12/239 (5)	15/118 (12.7)	14/15 (93.3)	14/118 (11.9)
	Hemiptera	39/263 (14.8)	32/39 (82.1)	32/263 (12.2)	13/133 (9.8)	13/13 (100)	13/133 (9.8)
	Coleoptera (Adults)	20/238 (8.4)	8/20 (40)	8/238 (3.4)	13/115 (11.3)	11/13 (84.6)	11/115 (9.6)
	Coleoptera (Larvae)	5/84 (6)	5/5 (100)	5/84 (6)	8/76 (10.5)	6/8 (75)	6/76 (7.9)
	Diptera	30/269 (11.2)	24/30 (80)	24/269 (8.9)	18/144 (12.5)	15/18 (83.3)	15/144 (10.4)
	Trichoptera	1/70 (1.4)	0/1 (0)	0/70 (0)	0/19 (0)	0/0 (0)	0/19 (0)
	Plecoptera	0/0	0/0	0/0	1/2 (50)	1/1 (100)	1/2 (50)
	Lepidoptera	1/20 (5)	1/1 (100)	1/20 (5)	6/24 (25)	5/6 (83.3)	5/24 (20.8)
	Mollusca	8/67 (11.9)	4/8 (50)	4/67 (6)	3/83 (3.6)	1/3 (33.3)	1/83 (1.2)
	Crustacea						
	Decapoda	3/45 (6.7)	3/3 (100)	3/45 (6.7)	0/2 (0)	0/0 (0)	0/2 (0)
	Cladocera	0/10 (0)	0/0 (0)	0/10 (0)	2/11 (18.2)	2/2 (100)	2/11 (18.2)
	Annelida	4/60 (6.7)	4/4 (100)	4/60 (6.7)	11/62 (17.7)	11/11 (100)	11/62 (17.7)
	Arachnida						
	Acari	4/59 (6.8)	3/4 (75)	3/59 (5.1)	0/48 (0)	0/0 (0)	0/48 (0)
	Araneae	9/81 (11.1)	5/9 (55.6)	5/81 (6.2)	5/79 (6.3)	4/5 (80)	4/79 (5.1)
	Collembola	0/16 (0)	0/0 (0)	0/16 (0)	0/12 (0)	0/0 (0)	0/12 (0)