



Thierry de Meeûs

UMR 177 IRD-Cirad "Intertryp"

(Interactions Hôte-Vecteur-Parasite-Environnement dans les maladies tropicales négligées dues aux Trypanosomatidae)

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RB:

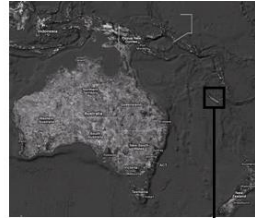


améliorer la vie
pour un développement durable

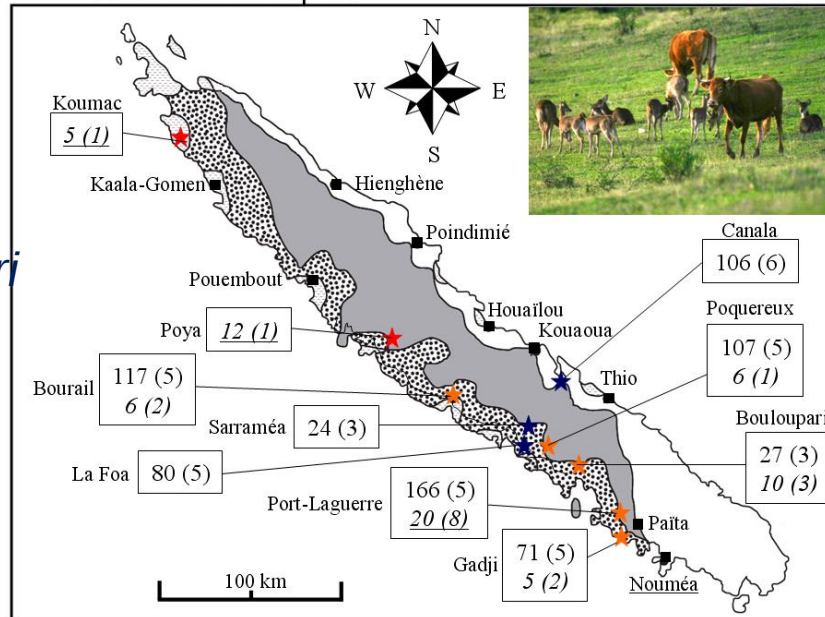


Tiques

Rhipicephalus microplus Nouvelle Calédonie sur bétail et cerfs



	Distribution	Sampling
Cattle alone		★
Deer alone		★
Sympatric cattle and deer		★

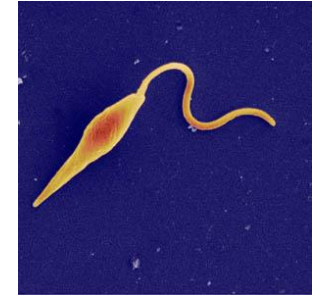


Ixodes ricinus



Borrelia burgdorferi Maladie de Lyme Europe

Protozoaires kinétoplastidés



Leishmania (leishmaniose)



Trypanosomes (maladie du sommeil) et mouches tsé-tsé



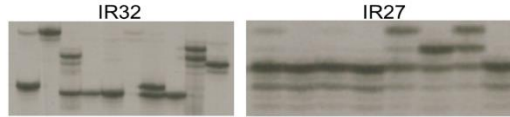


Définition d'amorces de loci microsatellites à partir de séquences issues de banques génomiques enrichies de novo ou à partir de séquences publiées

Locus	ID	SSR	size	start	end	FORWARD PRIMER1 (5'-3')	Tm(-C)	size	REVERSE PRIMER1 (5'-3')	Tm(-C)	size	PRODUCT1	size (bp)	start (bp)	end (bp)
PAL1	contig_1848	(TC)12	24	122	145	TGAACTCGACGAAGGAAG	54.737	18	AAAACACCTTCCAGCATTT	54.767	19	170		27	196
PAL12	contig_109117	(TG)11	22	29	50	GTTGTGCATCGTAGTAGCC	54.225	19	GCCAACAACCAAAATAACA	54.517	19	171		5	175
PAL13	contig_116493	(AG)14	28	212	239	TCCGATAGATCCTTGCGT	56.675	18	CACAACGATAGGTTGCATTT	56.201	20	242		55	296
PAL15	contig_130298	(AT)12	24	59	82	CACATATTTTCGACTGGTTTG	55.766	21	CGGGTCCAGCACATTAG	55.893	17	129		35	163
PAL19	contig_176407	(CA)10	20	64	83	ACATATCCATACAGATGCACAC	54.969	22	ATCCTGTTTACCAACGCA	54.933	18	253		12	264
PAL22	contig_208955	(CT)13	26	76	101	TCTTCTTCATCTCCATTAC	52.540	20	CTTCACTATTCAATGGCTTTT	52.173	20	211		1	211
PAL23	contig_225328	(AG)11	22	97	118	TGTGTTATACAAGGCCGA	53.331	18	ATGATGGCAACGCTAAA	53.379	17	137		18	154
PAL26	contig_302394	(TC)16	32	98	129	ACGTTGTTTCAAGGGCA	55.931	17	GCGAGAGGCTGAGTGAA	55.892	17	214		8	221
PAL1	contig_1848	(TC)12	24	122	145	FORWARD PRIMER2 (5'-3') CTCGACGAAGGAAGAAGAG	Tm(-C) 55.227	size 19	REVERSE PRIMER2 (5'-3') AACACCTTCCAGCATTTTC	Tm(-C) 55.179	size 19	PRODUCT2	size (bp) 164	start (bp) 31	end (bp) 194
PAL12	contig_109117	(TG)11	22	29	50	GTTGTGCATCGTAGTAGCC	54.225	19	TGCCAACAACCAAAATAAC	54.517	19	172		5	176
PAL13	contig_116493	(AG)14	28	212	239	ATTTTATACGCATCACCGAA	55.780	20	CACAACGATAGGTTGCATTT	56.201	20	276		21	296
PAL15	contig_130298	(AT)12	24	59	82	AGCTGACGTTGATACACAGG	56.319	20	TGCACTTTGTGTGGCTT	56.210	18	112		6	117
PAL19	contig_176407	(CA)10	20	64	83	ACATATCCATACAGATGCACAC	54.969	22	TATCCTGTTTACCAACGCA	55.154	19	254		12	265
PAL22	contig_208955	(CT)13	26	76	101	TCTTCTTCATCTCCATTAC	52.540	20	AAAGAGTCTAACCAAAGACAGA	52.663	22	179		1	179
PAL23	contig_225328	(AG)11	22	97	118	TGTGTTATACAAGGCCGA	53.331	18	TATGATGGCAACGCTAAA	53.671	18	138		18	155
PAL26	contig_302394	(TC)16	32	98	129	ACGTTGTTTCAAGGGCA	55.931	17	AGGCTGAGTGAAGGAGGA	55.793	18	209		8	216
PAL1	contig_1848	(TC)12	24	122	145	FORWARD PRIMER3 (5'-3') TTGAACTCGACGAAGGA	Tm(-C) 53.253	size 17	REVERSE PRIMER3 (5'-3') TGCAATAAACACCTTCCA	Tm(-C) 53.286	size 18	PRODUCT3	size (bp) 176	start (bp) 26	end (bp) 201
PAL12	contig_109117	(TG)11	22	29	50	TAGTTGTGCATCGTAGTAGCC	55.698	21	GCCAACAACCAAAATAACAA	56.151	20	173		3	175
PAL13	contig_116493	(AG)14	28	212	239	TGGTGTTCATGCCTTC	53.388	17	ACAACGATAGGTTGCATTT	53.124	19	134		162	295
PAL15	contig_130298	(AT)12	24	59	82	AGCTGACGTTGATACACAGG	56.319	20	CGGGTCCAGCACATTAG	55.893	17	158		6	163
PAL19	contig_176407	(CA)10	20	64	83	CATATCCATACAGATGCACAC	53.863	21	TCCTGTTTACCAACGCA	54.275	17	251		13	263
PAL22	contig_208955	(CT)13	26	76	101	TCTTCTTCATCTCCATTAC	52.540	20	TAAGTTTAAGACAGGGAGAGAG	52.425	22	126		1	126
PAL23	contig_225328	(AG)11	22	97	118	TGTGTTATACAAGGCCGA	53.331	18	TGATGGCAACGCTAAAA	54.597	17	136		18	153
PAL26	contig_302394	(TC)16	32	98	129	ACGTTGTTTCAAGGGCA	55.931	17	GAGGCTGAGTGAAGGAGG	55.793	18	210		8	217

Génotypage

Ixodes ricinus: autoradiographies of polyacrylamid gels



Capillar automatic sequencing

Plasmodium falciparum



Glossina fuscipes fuscipes

