

TABLE
Details of mosquito collection areas in Rio Grande do Sul during the spring and summer seasons of 2021 and 2022

Municipality	Area	Coordinates	Mosquito collection date	NHP collection date (YFV result)	Mosquito sampling method and effort time
Pinhal da Serra (PDS)	PDS1	-27.845, -51.159	Feb 09, 2021	Feb 09, 2021 (YFV+)	HLC: 16.75 hours (2021) HLC: 7 hours (2022)
	PDS2	-27.874, -51.263	Feb 09, 2021	Jan 25, 2021 (YFV+)	
	PDS3	-27.889, -51.147	Feb 10, 2021	Feb 05, 2021 (YFV+)	
	PDS4	-27.889, -51.147	Feb 11, 2021	Feb 08, 2021 (YFV+)	
	PDS4	-27.889, -51.147	Feb 02, 2022	Feb 08, 2021 (YFV+)	
Vacaria (VAC)	VAC1	-28.307, -50.823	Feb 23, 2021	Without NHP sampling	HLC: 4.5 hours
	VAC2	-28.181, -50.913	Feb 24, 2021	Without NHP sampling	
	VAC3	-28.170, -50.923	Feb 24, 2021	Feb 24, 2021 (YFV+)	
Esmeralda (ESM)	ESM1	-27.975, -51.056	Feb 25, 2021	Feb 25, 2021 (YFV+)	HLC: 2 hours (2021)
	ESM2	-27.975, -51.056	Feb 03, 2022		HLC: 16 hours (2022) BG-Pro: 24 hours (2022)
Campestre da Serra (CDS)	CDS1	-28.778, -51.092	Mar 02, 2021	Mar 11, 2021 (YFV+)	HLC: 1.73 hours
	CDS2	-28.778, -51.082	Mar 02, 2021	Mar 11, 2021 (YFV+)	
André da Rocha (ADR)	ADR1	-28.585, -51.575	Mar 04, 2021	Mar 04, 2021 (YFV+)	HLC: 1.5 hours
Ipê (IPE)	IPE1	-28.640, -51.260	Mar 03, 2021	Without NHP sampling	HLC: 4.17 hours
	IPE2	-28.698, -51.176	Mar 03, 2021	Without NHP sampling	
Protásio Alves (PRA)	PRA1	-28.707, -51.527	Mar 04, 2021	Without NHP sampling	HLC: 3.22 hours
	PRA2	-28.696, -54.521	Mar 04, 2021	Without NHP sampling	
Rolante (ROL)	ROL1	-29.563, -50.446	Mar 15, 2021	Feb 19, 2021 (YFV+)	HLC: 2.62 hours
	ROL2	-29.575, -50.471	Mar 16, 2021	Without NHP sampling	
	ROL3	-29.634, -50.505	Mar 16, 2021	Without NHP sampling	
São José do Ouro (SJO)	SJO1	-27.780, -51.503	Mar 23, 2021	Without NHP sampling	HLC: 1.5 hours
Tupanci do Sul (TDS)	TDS1	-27.950, -51.524	Mar 24, 2021	Without NHP sampling	HLC: 4.25 hours
	TDS2	-27.908, -51.514	Mar 24, 2021		
Machadinho (MAC)	MAC1	-27.677, -51.717	Mar 25, 2021	Without NHP sampling	HLC: 1.75 hours
Porto Alegre (POA)	POA1	-30.191, -51.078	Apr 06, 2021	Mar 10, 2021 (YFV-)	HLC: 6.47 hours
	POA2	-30.193, -51.124	Apr 07, 2021	Mar 15, 2021 (YFV+)	
Dois Irmãos (DOI)	DOI1	-29.616, -51.066	Apr 08, 2021	Mar 28, 2021 (YFV-)	HLC: 2 hours
Jaquirana (JAQ)	JAQ1	-28.855, -50.350	Apr 13, 2021	Apr 04, 2021 (YFV+)	HLC: 1.5 hours
Santo Antônio das Missões (SAM)	SAM1	-28.400, -55.442	Oct 19, 2021	Without NHP sampling At this location, Almeida et al. ^(18,19) detected NHPs with antibodies against YFV, ILHV, and SLEV	HLC: 16 hours BG-Pro: 24 hours
Bossoroca (BOS)	BOS1		Oct 20, 2021	Without NHP sampling	HLC: 8 hours
Derrubadas (DER)	DER1	-27.252, -53.959	Dec 15, 2021	Without NHP sampling	HLC: 24h BG-Pro: 24 hours
	DER2	-27.260, -53.977			
	DER3	-27.249, -53.899			

NHP: non-human primate; YFV: yellow fever virus; YFV+: yellow fever virus positive sample; YFV-: yellow fever virus negative sample; HLC: human landing catch.