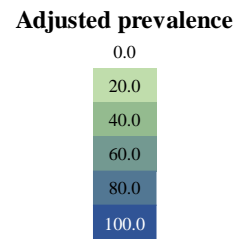


	5-9 years					>10 years					All participants				
	Ag	Bm14	Wb123	Bm33	LF positive	Ag	Bm14	Wb123	Bm33	LF positive	Ag	Bm14	Wb123	Bm33	LF positive
AUA	0.0	4.5	2.0	16.7	23.2	0	14.7	20.5	41.0	46.6	0.0	11.0	17.5	40.0	45.6
	0.0	0.0	7.5	18.8	20.7	5.2	15.7	20.0	42.9	47.2	2.4	7.6	11.7	34.0	36.2
	0.0	4.3	4.4	32.8	35.0	0.0	7.3	27.9	50.2	55.9	0.0	12.2	27.7	46.5	50.5
	2.0	8.2	8.2	20.4	20.4	8.1	15.7	20.2	37.2	41.3	5.6	13.7	15.3	32.2	34.8
	1.9	6.6	14.5	55.2	57.5	8.8	20.1	31.4	58.6	64.4	7.7	19.3	27.8	55.1	60.1
	0.0	0.0	10.2	13.8	20.2	5.5	22.7	36.7	43.9	56.5	5.4	16.6	32.5	36.6	46.5
	1.6	3.1	12.5	31.8	34.9	4.1	22.4	34.1	71.9	77.9	2.0	15.4	33.1	67.9	73.7
NWU	0.0	8.0	8.0	14.0	21.9	2.1	21.1	36.8	40.1	49.0	1.3	14.8	29.1	42.8	50.0
	0.0	2.0	12.4	21.4	32.4	1.7	24.3	37.2	56.2	62.9	1.5	20.7	32.2	49.2	57.6
	0.0	8.2	15.8	27.4	35.5	2.2	14.3	34.0	48.6	57.6	0.9	16.1	33.7	45.1	54.0
	0.0	1.4	7.0	22.2	23.7	0.0	10.4	12.9	40.0	49.3	0.0	9.5	9.5	37.4	45.6
	1.9	30.1	35.8	64.1	67.9	12.4	56.7	65.3	80.5	91.0	7.9	44.5	58.4	74.9	84.9
	1.6	8.3	11.8	38.9	45.6	9.0	36.1	45.3	72.6	77.5	8.5	30.6	39.9	65.0	70.8
	0.0	3.8	15.3	19.1	26.6	0.0	21.1	30.6	49.8	51.5	0.0	16.6	27.1	44.5	46.4
	1.7	5.4	23.4	38.3	45.2	6.2	25.9	48.8	55.0	58.7	5.7	19.5	41.6	53.0	56.3
	9.9	17.3	32.5	55.6	58.0	10.6	46.0	64.6	86.9	90.6	9.4	41.8	63.0	83.7	86.7
	1.8	6.7	29.3	29.7	42.5	8.7	40.8	58.5	78.2	89.5	4.5	28.8	46.5	74.5	83.1
	2.1	4.2	14.2	44.7	49.0	9.0	37.8	42.0	72.9	79.4	9.3	32.1	38.0	64.5	71.2
	3.8	15.5	20.5	41.9	45.7	10.8	35.4	46.6	68.2	75.3	12.3	35.1	47.2	67.1	75.0
	2.3	4.2	18.8	56.7	58.6	18.7	50.3	64.1	77.8	81.3	20.0	42.6	56.7	75.5	78.1
	ROU	0.0	1.8	14.3	28.6	39.2	0.0	20.0	30.4	48.6	55.1	0.0	17.3	29.0	46.8
0.0		1.5	6.3	14.8	19.3	3.9	7.8	16.9	37.6	45.5	2.6	8.5	20.3	36.5	43.1
1.9		6.0	8.2	31.3	35.5	0.0	7.9	31.5	49.2	57.0	0.3	7.5	29.4	49.0	56.8
0.0		8.7	13.7	22.4	29.3	0.0	5.4	15.6	28.9	33.8	0.0	7.0	13.9	24.8	28.1
1.6		0.0	22.7	33.6	49.2	0.0	10.2	22.3	51.4	58.3	0.2	6.9	21.5	43.0	53.0
4.7		23.2	38.1	56.8	61.9	3.3	36.0	47.2	60.2	61.8	2.3	30.4	42.2	54.6	56.7
2.9		22.2	30.3	59.6	62.4	6.6	34.7	47.2	69.6	73.7	5.1	33.1	40.6	67.9	71.9
0.0		22.2	30.5	61.1	61.1	6.9	55.1	74.7	95.4	97.7	3.8	42.5	64.9	89.3	92.0
SAV	0.0	0.0	0.0	9.8	9.8	2.3	6.1	19.8	21.7	31.6	1.2	3.2	14.8	19.2	27.1
	1.8	3.5	12.2	19.4	28.0	0.0	13.5	29.4	48.3	56.9	0.3	8.0	22.2	38.8	46.2
	0.0	10.8	8.8	12.4	20.0	0.0	9.5	11.8	49.7	49.7	0.0	8.7	15.4	39.1	40.4
	2.2	5.3	9.0	27.8	34.5	1.8	5.3	28.6	41.1	55.3	1.1	4.2	26.5	28.8	49.9
	1.5	3.9	15.2	36.3	42.4	4.1	18.9	32.7	52.0	58.6	4.8	11.7	30.2	48.8	59.0
	1.6	8.7	24.9	37.4	43.9	17.1	49.9	55.0	70.3	79.2	10.3	42.5	46.9	62.8	69.5
	0.0	5.6	14.9	20.4	26.0	6.7	27.4	41.4	49.2	53.7	6.0	29.6	40.5	47.2	50.8



**Supplementary Figure 4: Adjusted antigen and antibody prevalence by PSU and region for participants aged 5-9 years,  $\geq 10$  years, and all study participants, Samoa 2018. Purposively selected PSUs are indicated by the purple borders. Colour spectrum from light to dark indicates progressive increase in prevalence. Light green denotes low prevalence, blue denotes high prevalence. AUA (Apia Urban area) NWU (Northwest Upolu), ROU (Rest of Upolu), SAV (Savai'i)**