(A) Cluster proportion

Site	Cluster isolates	Total isolates	Proportion [95% CI]
Region = Eastern Africa			
Site 6	8	27	0.30 [0.14; 0.50]
Site 3	75	168	0.45 [0.37; 0.52]
Site 10	9	19	0.47 [0.24; 0.71]
Site 8	8	15	0.53 [0.27; 0.79]
Site 2	20	31	0.65 [0.45; 0.81]
Site 5	13	20	0.65 [0.41; 0.85]
Site 7	268	362	0.74 [0.69; 0.78]
Site 11	250	285	0.88 [0.83; 0.91]
Site 9	51	58	0.88 [0.77; 0.95]
Site 1	84	94	0.89 [0.81; 0.95]
Site 4	43	46	0.93 [0.82; 0.99]
Random effects model		**1125**	**0.72 [0.57; 0.83]**
Heterogeneity: I^2 = 93% [89.4%; 95.4%], τ^2 = 1.0526, p < 0.0001			
Region = Southern Asia			
Site 25	4	17	0.24 [0.07; 0.50]
Site 27	13	30	0.43 [0.25; 0.63]
Site 26	30	34	0.88 [0.73; 0.97]
Random effects model		**81**	**0.55 [0.21; 0.85]**
Heterogeneity: I^2 = 89.4% [71.4%; 96.1%], τ^2 = 1.6433, p < 0.0001			
Region = Southern Africa			
Site 16	0	12	0.00 [0.00; 0.26]
Site 24	2	13	0.15 [0.02; 0.45]
Site 19	6	23	0.26 [0.10; 0.48]
Site 22	4	13	0.31 [0.09; 0.61]
Site 21	11	21	0.52 [0.30; 0.74]
Site 23	28	50	0.56 [0.41; 0.70]
Site 18	16	27	0.59 [0.39; 0.78]
Site 17	24	34	0.71 [0.53; 0.85]
Site 15	21	29	0.72 [0.53; 0.87]
Site 20	17	22	0.77 [0.55; 0.92]
Random effects model		**244**	**0.46 [0.29; 0.64]**
Heterogeneity: I^2 = 66.2% [33.9%; 82.7%], τ^2 = 1.1477, p = 0.0016			
Region = Western Africa			
Site 13	6	16	0.38 [0.15; 0.65]
Site 12	10	25	0.40 [0.21; 0.61]
Site 14	14	34	0.41 [0.25; 0.59]
Random effects model		**75**	**0.40 [0.30; 0.51]**
Heterogeneity: I^2 = 0% [0.0%; 89.6%], τ^2 = 0, p = 0.9698			
Random effects model		**1525**	**0.57 [0.46; 0.68]**
Heterogeneity: I^2 = 88.8% [84.8%; 91.7%], τ^2 = 1.3021, p < 0.0001			
Test for subgroup differences: χ^2_3 = 11.10, df = 3 (p = 0.0112)