

Supplementary Data S5, Table S3. Frequently detected rotavirus strains and their gastroenteritis severity scores in children presenting with gastroenteritis at Queen Elizabeth Central Hospital, Blantyre, Malawi during the pre- and post-Rotarix® period (December 2011 to October 2019).

Gastroenteritis severity associated with frequently detected rotavirus genotypes										
Genotypes	Mild		Moderate		Severe		Very severe		Total	
	n	%	n	%	n	%	n	%	n	%
VP7 (G) Genotypes only¹										
G1	4	1.6%	93	36.0%	129	50.0%	32	12.4%	258	100.0%
G2	28	7.7%	120	33.1%	165	45.5%	50	13.8%	363	100.0%
G12	1	0.7%	28	20.7%	91	67.4%	15	11.1%	135	100.0%
Total	33	4.57%	241	31.88%	385	50.93%%	97	12.83%%	756	100.00%
VP4 (P) Genotypes only²										
P[4]	17	5.3%	103	32.1%	155	48.3%	46	14.3%	321	100.0%
P[6]	7	3.0%	67	28.8%	134	57.5%	25	10.7%	233	100.0%
P[8]	9	3.0%	95	32.0%	162	54.5%	31	10.4%	297	100.0%
Total	33	3.88%	265	31.14%%	451	53.00%	102	11.99%	851	100.00%
Combined G and P Genotypes³										
G1P[8]	4	2.0%	63	31.8%	103	52.0%	28	14.1%	198	100.0%
G2P[4]	17	7.5%	69	30.5%	104	46.0%	36	15.9%	226	100.0%
G2P[6]	7	7.4%	31	32.6%	48	50.5%	9	9.5%	95	100.0%
G12P[8]	1	2.6%	7	18.4%	27	71.1%	3	7.9%	38	100.0%
G12P[6]	0	0.0%	13	16.5%	54	68.4%	12	15.2%	79	100.0%
Total	29	4.46%	183	28.77%	336	52.83%	88	13.84%	636	100.00%

¹ Numbers and proportions of four levels of gastroenteritis severity (Ruuska and Vesikari scores) for VP7 (G) genotypes only.

² Numbers and proportions of four levels of gastroenteritis severity (Ruuska and Vesikari scores) for VP4 (P) genotypes only.

³ Numbers and proportions of four levels of gastroenteritis severity (Ruuska and Vesikari scores) for combined G and P genotypes.