

Table 1

Genotype distribution of norovirus GII strains in stool specimens from diarrheal pediatric outpatients during 2014-2018 in Shanghai, [number (%)]

Genotypes	2014	2015	2016	2017	2018	Total
Polymerase						
GIIPe	46 (71.9%)	79 (80.6%)	58 (87.9%)	45 (76.3%)	30 (62.5%)	258 (77.0%)
GIIP17	8 (12.5%)	12 (12.2%)	4 (6.1%)	4 (6.8%)	2 (4.2%)	30 (9.0%)
GIIP12	10 (15.6%)	7 (7.1%)	1 (1.5%)	5 (8.5%)	14 (29.2%)	37 (11.0%)
GIIP16			1 (1.5%)	5 (8.5%)	1 (2.1%)	7 (2.1%)
GIIP7			1 (1.5%)			1 (0.3%)
GIIP8					1 (2.1%)	1 (0.3%)
GIIP2			1 (1.5%)			1 (0.3%)
Total	64 (100%)	98 (100%)	66 (100%)	59 (100%)	48 (100%)	335 (100%)
Capsid						
GII.4-Sydney/2012	47 (72.3%)	74 (79.6%)	54 (80.6%)	47 (61.0%)	28 (60.9%)	250 (71.8%)
GII.3	10 (15.4%)	7 (7.5%)	7 (10.4%)	10 (13.0%)	14 (30.4%)	48 (13.8%)
GII.17	8 (12.3%)	12 (12.9%)	4 (6.0%)	1 (1.3%)	2 (4.3%)	27 (7.8%)
GII.2			1 (1.5%)	19 (24.7%)	1 (2.2%)	21 (6.0%)
GII.6			1 (1.5%)			1 (0.3%)
GII.8					1 (2.2%)	1 (0.3%)
Total	65 (100%)	93 (100%)	67 (100%)	77 (100%)	46 (100%)	348 (100%)
Polymerase/ Capsid						
GIIPe/ GII.4-Sydney/2012	45 (72.6%)	74 (80.4%)	40 (83.3%)	34 (68%)	28 (60%)	221 (74.2%)
GIIPe/GII.3			2 (4.2%)	1 (2%)		3 (1.0%)
GIIPe/GII.2				5 (10%)		5 (1.7%)
GIIP17/ GII.4-Sydney/2012	1 (1.6%)			1 (2%)		2 (0.7%)
GIIP17/GII.3			1 (2.1%)			1 (0.3%)
GIIP17/GII.17	7 (11.3%)	11 (12.0%)	2 (4.2%)	1 (2%)	2 (4.4%)	23 (7.7%)
GIIP16/GII.2			1 (2.1%)	3 (6%)	1 (2.2%)	5 (1.7%)
GIIP12/ GII.4-Sydney/2012				1 (2%)		1 (0.3%)
GIIP12/GII.3	9 (14.5%)	7 (7.6%)	1 (2.1%)	4 (8%)	14 (31.1%)	35 (11.7%)
GIIP8/GII.8					1 (2.2%)	1 (0.3%)
GIIP7/GII.6			1 (2.1%)			1 (0.3%)
Total	62 (100%)	92 (100%)	48 (100%)	50 (100%)	46 (100%)	298 (100%)