

A

Virus

Rate
AA Subs
($\times 10^{-3}$)Rate
Adaptation
($\times 10^{-3}$)

Influenza A/H3N2	8.6	5.7
Influenza A/H1N1pdm	5.4	3.2
Influenza B/Vic	2.2	1.8
Influenza B/Yam	2.1	1.4
Influenza C/Yamagata	0.3	0.4
RSV-B	2.4	2.5
RSV-A	2.8	1.9
Parainfluenza-1	1.2	0.4
Measles	-0.6	0.1
Mumps	-0.2	0.0
Parainfluenza-3	0.2	0.0
Dengue 2-AA	0.1	0.3
Dengue 4-II	0.4	0.1
Dengue 3-III	0.3	0.1
Dengue 1-V	0.0	0.0
CoV OC43-A	2.1	2.0
CoV 229E	2.9	1.5
CoV NL63	1.1	0.1
Rotavirus A/P[8]	0.4	0.2
Rotavirus A/P[4]	0.3	0.0
Norovirus GII.4	4.1	1.8
Enterovirus D68	2.2	1.4
Hepatitis A-IA	0.0	0.0
Hepatitis B-A2	0.1	0.0
Hepatitis B-D3	0.1	0.0
Parvovirus B19-1A	0.2	0.0
Adenovirus B-7	0.0	0.1
Adenovirus B-3	0.0	0.0

B

