

**Supplementary Table S1.** Detailed Lineages and sublineages included in this study for viral tracking changes in SARS-CoV-2.

**DELTA VARIANT   OMICRON VARIANT**

Lineage	Lineage
AY.1	BA.1
AY.10	BA.1.1
AY.11	BA.2
AY.12	BA.3
AY.13	BA.1.1.1
AY.14	BA.1.1.2
AY.15	BA.1.1.3
AY.16	BA.1.1.4
AY.17	BA.1.1.5
AY.18	BA.1.1.6
AY.19	BA.1.1.7
AY.2	BA.1.1.8
AY.20	BA.1.1.9
AY.21	BA.1.1.10
AY.22	BA.1.1.11
AY.23	BA.1.1.12
AY.23.1	BA.1.1.13
AY.24	BA.1.1.14
AY.25	BA.1.1.15
AY.26	BA.1.1.16
AY.27	BA.1.1.17
AY.28	BA.1.2
AY.29	BA.1.3
AY.29.1	BA.1.4
AY.3	BA.1.5
AY.3.1	BA.1.6
AY.30	BA.1.7
AY.31	BA.1.8
AY.32	BA.1.9
AY.33	BA.1.10
AY.34	BA.1.12
AY.35	BA.1.13

AY.36	BA.1.13.1
AY.37	BA.1.14
AY.38	BA.1.14.1
AY.39	BA.1.14.2
AY.39.1	BA.1.15
AY.39.1.1	BA.1.15.1
AY.4	BA.1.15.2
AY.4.1	BA.1.16
AY.4.2	BA.1.16.1
AY.4.4	BA.1.16.2
AY.4.5	BA.1.17
AY.40	BA.1.17.1
AY.41	BA.1.17.2
AY.5	BA.1.18
AY.5.1	BA.1.19
AY.5.2	BA.1.20
AY.6	BA.1.21
AY.7	BA.1.21.1
AY.7.1	BA.2.1
AY.7.2	BA.2.2
AY.8	BA.2.3
AY.9	BA.2.3.1
B.1.617.2	BA.2.3.2
AY.9.1	BA.2.4
AY.9.2	BA.2.5
AY.9.2.1	BA.2.6
AY.16.1	BA.2.7
AY.34.1	BA.2.8
AY.39.2	BA.2.9
AY.42	BA.2.9.1
AY.43	BA.2.10
AY.44	BA.2.10.1
AY.45	BA.2.11
AY.46	BA.2.12
AY.46.1	BA.2.12.1
AY.46.2	BA.2.13
AY.46.3	BA.2.14

AY.46.4	BA.2.15
AY.46.5	BA.2.16
AY.46.6	BA.4
AY.47	BA.5
AY.48	BA.1.1.18
AY.49	BA.1.22
AY.50	BA.2.3.4
AY.51	BA.2.9.2
AY.52	BA.2.10.2
AY.53	BA.2.17
AY.54	BA.2.18
AY.55	BA.2.19
AY.56	BA.2.20
AY.57	BA.2.21
AY.58	BA.2.22
AY.59	BA.2.23
AY.60	BA.2.23.1
AY.61	BA.2.24
AY.62	BA.2.25
AY.63	BA.2.25.1
AY.64	BA.2.26
AY.65	BA.2.27
AY.66	BA.2.28
AY.67	BA.2.29
AY.68	BA.2.30
AY.69	BA.2.31
AY.70	BA.2.32
AY.71	BA.2.33
AY.72	BA.2.34
AY.73	BA.2.35
AY.74	BA.2.36
AY.75	BA.2.37
AY.75.1	BA.2.38
AY.76	BA.2.39
AY.77	BA.2.40
AY.78	BA.2.40.1
AY.79	BA.2.41

AY.80	BA.3.1
AY.81	BA.5.1
AY.82	BC.1
AY.83	BC.2
AY.84	BD.1
AY.85	BE.1
AY.86	BE.1.1
AY.87	BE.2
AY.88	BA.1.15.3
AY.89	BA.1.23
AY.90	BA.1.24
AY.91	BA.2.2.1
AY.91.1	BA.2.3.5
AY.92	BA.2.3.6
AY.93	BA.2.3.7
AY.94	BA.2.3.8
AY.95	BA.2.3.9
AY.96	BA.2.3.10
AY.97	BA.2.3.11
AY.98	BA.2.3.12
AY.98.1	BA.2.3.13
AY.99	BA.2.3.14
AY.99.1	BA.2.3.15
AY.99.2	BA.2.3.16
AY.100	BA.2.3.17
AY.101	BA.2.3.18
AY.102	BA.2.9.3
AY.103	BA.2.9.4
AY.104	BA.2.9.5
AY.105	BA.2.10.3
AY.106	BA.2.12.2
AY.107	BA.2.38.1
AY.108	BA.2.42
AY.109	BA.2.43
AY.110	BA.2.44
AY.111	BA.2.45
AY.112	BA.2.46

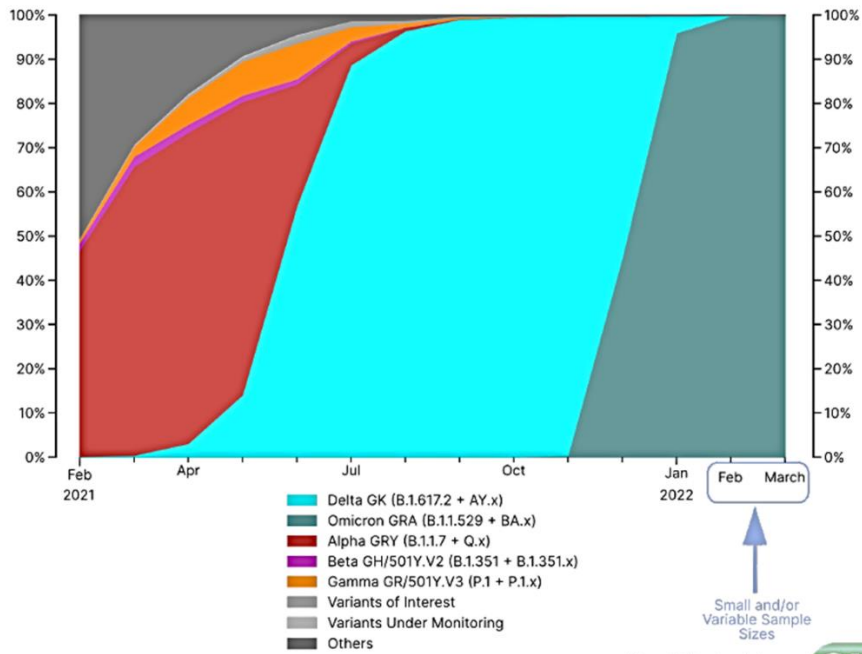
AY.113	BA.2.47
AY.114	BA.2.48
AY.116	BA.2.49
AY.116.1	BA.2.50
AY.117	BA.2.51
AY.3.2	BA.2.52
AY.3.3	BA.2.53
AY.4.2.1	BA.2.54
AY.4.2.2	BA.2.55
AY.4.2.3	BA.2.56
AY.4.6	BA.2.56.1
AY.4.7	BA.2.57
AY.4.8	BA.2.58
AY.4.9	BA.2.59
AY.4.10	BA.2.60
AY.5.3	BA.2.61
AY.5.4	BA.2.62
AY.5.5	BA.2.63
AY.9.2.2	BA.2.64
AY.20.1	BA.2.65
AY.23.2	BA.2.66
AY.25.1	BA.2.67
AY.25.1.1	BA.2.68
AY.26.1	BA.2.69
AY.33.1	BA.2.70
AY.34.1.1	BA.2.71
AY.34.2	BA.2.72
AY.39.1.2	BA.2.73
AY.39.1.3	BA.2.74
AY.42.1	BA.2.75
AY.43.1	BA.2.76
AY.43.2	BA.2.77
AY.43.3	BA.2.80
AY.43.4	BA.2.81
AY.43.5	BA.4.1
AY.43.6	BA.4.1.1
AY.43.7	BA.4.1.2

AY.46.6.1	BA.4.1.3
AY.75.2	BA.4.1.4
AY.75.3	BA.4.2
AY.102.1	BA.4.3
AY.102.2	BA.4.4
AY.112.1	BA.4.5
AY.118	BA.4.6
AY.119	BA.4.7
AY.119.1	BA.5.1.1
AY.119.2	BA.5.1.2
AY.120	BA.5.1.3
AY.120.1	BA.5.1.4
AY.120.2	BA.5.2
AY.120.2.1	BA.5.2.1
AY.121	BA.5.2.2
AY.121.1	BA.5.2.3
AY.122	BA.5.2.4
AY.122.1	BA.5.3
AY.122.2	BA.5.3.1
AY.122.3	BA.5.3.2
AY.123	BA.5.3.3
AY.123.1	BA.5.3.4
AY.124	BA.5.5
AY.124.1	BA.5.6
AY.125	BE.3
AY.126	
AY.127	
AY.127.1	
AY.128	
AY.129	
AY.131	
AY.132	
AY.133	
AY.3.4	
AY.4.2.4	
AY.4.11	
AY.4.12	

AY.25.3  
AY.103.1  
AY.103.2  
AY.122.4  
AY.125.1  
AY.4.2.5  
AY.5.6  
AY.5.7  
AY.25.1.2  
AY.25.2  
AY.29.2  
AY.33.2  
AY.36.1  
AY.39.3  
AY.43.8  
AY.43.9  
AY.112.2  
AY.112.3  
AY.122.5  
AY.122.6  
AY.124.1.1  
AY.127.2  
AY.127.3  
AY.4.13  
AY.4.14  
AY.4.15  
AY.4.16  
AY.4.17  
AY.134  
AY.4.3  
AY.24.1

**Supplementary Figure S1.** Timecourse of variant distribution by month in all submitted sequences to GISAID until 2022-03-15. Source: GISAID\_hCoV-19\_Analysis\_Update\_20220315.

**Timecourse of variant distribution in all submitted sequences  
2022-03-15**



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by BII/GIS, A\*STAR Singapore