

**Supplementary Table 1.** Strains of this study including details of their sequenced genome

Specimen ID	GISAID Accession ID	Virus name	Gender	Age (Year)	Collection date	Outcome	Location (District)	GISAID Clade	Next Strain Clade	Pangolin Lineage	Total Reads	Reads Utilized in IRMA	Genome Length Covered	% Genome Length Covered
2019nCoV-10380	EPI_ISL_452192	hCoV-19/India/NIV-10380/2020	Male	75	16-Apr	Fatal	Pune	GR	20B	B.1.1	3186915	3129417	29808	99.682
2019nCoV-10419	EPI_ISL_452193	hCoV-19/India/NIV-10419/2020	Male	1.5	16-Apr	Recovered	Pune	GR	20B	B.1.1	1780766	1726386	29807	99.679
2019nCoV-11677	EPI_ISL_452194	hCoV-19/India/NIV-11677/2020	Male	3	19-Apr	Recovered	Pune	GR	20B	B.1.1	3181697	3127994	29797	99.646
2019nCoV-11681	EPI_ISL_452195	hCoV-19/India/NIV-11681/2020	Female	75	19-Apr	Recovered	Pune	G	20A	B.1	3097606	2873150	29805	99.672
2019nCoV-11683	EPI_ISL_452196	hCoV-19/India/NIV-11683/2020	Female	12	19-Apr	Recovered	Pune	G	20A	B.1	3355215	3298838	29819	99.719
2019nCoV-11687	EPI_ISL_452197	hCoV-19/India/NIV-11687/2020	Female	32	19-Apr	Recovered	Pune	GR	20B	B.1.1	2863211	2713504	29903	100
2019nCoV-11855	EPI_ISL_452198	hCoV-19/India/NIV-11855/2020	Male	22	20-Apr	Recovered	Pune	GR	20B	B.1.1	1149124	1111047	29807	99.679
2019nCoV-12019	EPI_ISL_452199	hCoV-19/India/NIV-12019/2020	Female	65	20-Apr	Recovered	Pune	GR	20B	B.1.1	1558896	1108208	29802	99.662
2019nCoV-12024	EPI_ISL_452200	hCoV-19/India/NIV-12024/2020	Male	98	20-Apr	Recovered	Pune	GR	20B	B.1.1	2792509	2707636	29803	99.666
2019nCoV-12067	EPI_ISL_452201	hCoV-19/India/NIV-12067/2020	Female	12	20-Apr	Recovered	Pune	GR	20B	B.1.1	3393013	3286462	29807	99.679
2019nCoV-2810	EPI_ISL_452202	hCoV-19/India/NIV-2810/2020	Male	26	16-Mar	Recovered	Pune	S	19B	A.1	1579820	1507536	29810	99.689
2019nCoV-4367	EPI_ISL_452203	hCoV-19/India/NIV-4367/2020	Female	62	22-Mar	Recovered	Sangli	S	19B	A	1200535	1053408	29878	99.916
2019nCoV-5109	EPI_ISL_452204	hCoV-19/India/NIV-5109/2020	Male	20	26-Mar	Recovered	Sangli	S	19B	A	1333650	1305116	29800	99.656
2019nCoV-5119	EPI_ISL_452205	hCoV-19/India/NIV-5119/2020	Female	58	26-Mar	Recovered	Sangli	S	19B	A	1402353	1373289	29806	99.676
2019nCoV-6311	EPI_ISL_452206	hCoV-19/India/NIV-6311/2020	Male	68	30-Mar	Recovered	Ahmed nagar	O	19A	B.6	1710292	1678284	29760	99.522
2019nCoV-7439	EPI_ISL_452207	hCoV-19/India/NIV-7439/2020	Female	10	05-Apr	Recovered	Pune	GR	20B	B.1.1	1895451	1841372	29844	99.803
2019nCoV-7511	EPI_ISL_452208	hCoV-19/India/NIV-7511/2020	Female	65	05-Apr	Recovered	Jalna	O	19A	B.6	2366875	2285424	29807	99.679

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2019nCoV-7786	EPI_ISL_452209	hCoV-19/India/NIV-7786/2020	Male	25	06-Apr	Recovered	Pune	O	19A	B.6	2825514	2768891	29809	99.686
2019nCoV-7830	EPI_ISL_452210	hCoV-19/India/NIV-7830/2020	Male	1	06-Apr	Recovered	Pune	GR	20B	B.1.1	2537172	2471508	29811	99.692
2019nCoV-9157	EPI_ISL_452211	hCoV-19/India/NIV-9157/2020	Male	52	13-Apr	Recovered	Pune	GR	20B	B.1.1	1710681	1638591	29805	99.672
2019nCoV-9768	EPI_ISL_452212	hCoV-19/India/NIV-9768/2020	Male	26	15-Apr	Recovered	Pune	GR	20B	B.1.1	1608743	1579805	29903	100
2019nCoV-981	EPI_ISL_452213	hCoV-19/India/NIV-981/2020	Female	24	10-Mar	Recovered	Pune	O	19A	B.4	3242789	3128920	29836	99.776
ncov-QA-709	EPI_ISL_452214	hCoV-19/India/NIV-QA-709/2020	Not known	Not known	07-Apr	Recovered	Mumbai	G	20A	B.1	1761158	1718815	29806	99.676
ncov-QC-797	EPI_ISL_452215	hCoV-19/India/NIV-QC-797/2020	Not known	Not known	22-Apr	Recovered	Mumbai	O	19A	B.6	2243679	1865320	29903	100
ncov-QC-802	EPI_ISL_452216	hCoV-19/India/NIV-QC-802/2020	Not known	Not known	27-Apr	Recovered	Mumbai	GR	20B	B.1.1	1469382	226932	29804	99.669
ncov-QC-800	EPI_ISL_452217	hCoV-19/India/NIV-QC-800/2020	Not known	Not known	26-Apr	Recovered	Mumbai	G	20A	B.1	332606	322818	29804	99.669
2019nCoV-11182	EPI_ISL_454521	hCoV-19/India/NIV-11182/2020	Female	1.5	18-Apr	Recovered	Pune	GR	20B	B.1.1	2757263	2678731	29529	98.749
2019nCoV-11676	EPI_ISL_454522	hCoV-19/India/NIV-11676/2020	Not known	37	19-Apr	Recovered	Pune	GR	20B	B.1.1	918326	399177	29557	98.843
2019nCoV-11699	EPI_ISL_454523	hCoV-19/India/NIV-11699/2020	Female	59	19-Apr	Recovered	Pune	GR	20B	B.1.1	969317	884391	28958	96.84
2019nCoV-12058	EPI_ISL_454524	hCoV-19/India/NIV-12058/2020	Male	37	20-Apr	Recovered	Pune	GR	20B	B.1.1	3476722	3306768	29781	99.592
2019nCoV-1738	EPI_ISL_454525	hCoV-19/India/NIV-1738/2020	Male	41	12-Mar	Recovered	Ahmed nagar	O	19A	B.4	3445101	3357236	29745	99.472
2019nCoV-1804	EPI_ISL_454526	hCoV-19/India/NIV-1804/2020	Female	12	13-Mar	Recovered	Pune	O	19A	B.4	1138128	728133	29828	99.749
2019nCoV-2387	EPI_ISL_454527	hCoV-19/India/NIV-2387/2020	Female	59	13-Mar	Recovered	Auran gabad	G	20A	B.1	2625376	2466779	29797	99.646
2019nCoV-3472	EPI_ISL_454528	hCoV-19/India/NIV-3472/2020	Male	50	17-Mar	Recovered	Ratnagiri	O	19A	B.4	1941003	1825093	29793	99.632
2019nCoV-4130	EPI_ISL_454529	hCoV-19/India/NIV-4130/2020	Male	17	21-Mar	Recovered	Pune	G	20A	B.1	262958	235071	29787	99.612

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2019nCoV-4271	EPI_ISL_454530	hCoV-19/India/NIV-4271/2020	Male	46	22-Mar	Recovered	Pune	G	20A	B.1	2271127	2195987	29793	99.632
2019nCoV-4369	EPI_ISL_454531	hCoV-19/India/NIV-4369/2020	Male	65	22-Mar	Recovered	Sangli	S	19B	A	1797520	1710262	29787	99.612
2019nCoV-4379	EPI_ISL_454532	hCoV-19/India/NIV-4379/2020	Female	45	23-Mar	Recovered	Satara	G	20A	B.1	517838	455441	29780	99.589
2019nCoV-4438	EPI_ISL_454533	hCoV-19/India/NIV-4438/2020	Male	53	23-Mar	Recovered	Satara	G	20A	B.1.5	482579	416044	29786	99.609
2019nCoV-4622	EPI_ISL_454534	hCoV-19/India/NIV-4622/2020	Female	5	24-Mar	Recovered	Sangli	S	19B	A	2317675	2165683	29704	99.335
2019nCoV-5097	EPI_ISL_454535	hCoV-19/India/NIV-5097/2020	Female	70	26-Mar	Recovered	Sangli	S	19B	A	264943	223180	26762	89.496
2019nCoV-5102	EPI_ISL_454536	hCoV-19/India/NIV-5102/2020	Female	39	26-Mar	Recovered	Sangli	S	19B	A	2691480	2657866	29821	99.726
2019nCoV-5104	EPI_ISL_454537	hCoV-19/India/NIV-5104/2020	Male	45	26-Mar	Recovered	Sangli	S	19B	A	1666455	1640718	29774	99.569
2019nCoV-5118	EPI_ISL_454538	hCoV-19/India/NIV-5118/2020	Male	35	26-Mar	Recovered	Sangli	S	19B	A	1149966	1109165	27578	92.225
2019nCoV-5815-1	EPI_ISL_454539	hCoV-19/India/NIV-5815-1/2020	Male	64	12-Apr	Recovered	Pune	O	19A	B.6	1841522	1709542	29358	98.177
2019nCoV-6216	EPI_ISL_454540	hCoV-19/India/NIV-6216/2020	Male	35	01-Apr	Recovered	Pune	O	19A	B.6	2951844	2851436	29805	99.672
2019nCoV-6285	EPI_ISL_454541	hCoV-19/India/NIV-6285/2020	Male	39	30-Mar	Recovered	Ahmed nagar	O	19A	B.6	260488	234110	28717	96.034
2019nCoV-6315	EPI_ISL_454542	hCoV-19/India/NIV-6315/2020	Male	17	30-Mar	Recovered	Ahmed nagar	O	19A	B.6	3867546	3784465	29808	99.682
2019nCoV-6423	EPI_ISL_454543	hCoV-19/India/NIV-6423/2020	Female	40	31-Mar	Recovered	Ahmed nagar	O	19A	B.6	2208948	2183826	29790	99.622
2019nCoV-6614	EPI_ISL_454544	hCoV-19/India/NIV-6614/2020	Female	35	02-Apr	Recovered	Pune	O	19A	B.6	2129762	2067033	29704	99.335
2019nCoV-6638	EPI_ISL_454545	hCoV-19/India/NIV-6638/2020	Male	59	02-Apr	Recovered	Ratnagiri	O	19A	B.6	160049	121389	25838	86.406
2019nCoV-6964	EPI_ISL_454546	hCoV-19/India/NIV-6964/2020	Male	19	03-Apr	Recovered	Latur	O	19A	B.6	286119	82663	29738	99.448
2019nCoV-7044	EPI_ISL_454547	hCoV-19/India/NIV-7044/2020	Male	23	04-Apr	Recovered	Pune	O	19A	B.6	2073010	2016629	29807	99.679

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2019nCoV-7098	EPI_ISL_454548	hCoV-19/India/NIV-7098/2020	Male	42	03-Apr	Recovered	Osman abad	O	19A	B.6	320366	264588	28553	95.485
2019nCoV-7558	EPI_ISL_454549	hCoV-19/India/NIV-7558/2020	Male	22	05-Apr	Recovered	Satara	V	19A	B.2.1	724596	662567	29804	99.669
2019nCoV-7832	EPI_ISL_454550	hCoV-19/India/NIV-7832/2020	Female	20	06-Apr	Recovered	Pune	GR	20B	B.1.1	1306429	1194909	29275	97.9
2019nCoV-7893	EPI_ISL_454551	hCoV-19/India/NIV-7893/2020	Female	63	07-Apr	Recovered	Pune	O	19A	B.6	1967921	1937049	29798	99.649
2019nCoV-7966	EPI_ISL_454552	hCoV-19/India/NIV-7966/2020	Male	63	06-Apr	Recovered	Ahmed nagar	O	19A	B.6	700073	680399	29689	99.284
2019nCoV-8187	EPI_ISL_454553	hCoV-19/India/NIV-8187/2020	Male	16	02-Apr	Recovered	Nagpur	O	19A	B.6	2263264	2127435	29903	100
2019nCoV-8199	EPI_ISL_454554	hCoV-19/India/NIV-8199/2020	Male	30	02-Apr	Recovered	Nagpur	O	19A	B.6	1338286	848309	28812	96.352
2019nCoV-8404	EPI_ISL_454555	hCoV-19/India/NIV-8404/2020	Male	30	07-Apr	Recovered	Kolhapur	O	19A	B	1458128	1389179	28774	96.224
2019nCoV-9127	EPI_ISL_454556	hCoV-19/India/NIV-9127/2020	Female	25	12-Apr	Recovered	Pune	O	20B	B.1.1	1590768	1564994	29700	99.321
2019nCoV-9154	EPI_ISL_454557	hCoV-19/India/NIV-9154/2020	Male	80	13-Apr	Recovered	Pune	GR	20B	B.1.1	1959192	1910825	29801	99.659
2019nCoV-9314	EPI_ISL_454558	hCoV-19/India/NIV-9314/2020	Female	70	13-Apr	Recovered	Pune	GR	20B	B.1.1	437653	351647	29662	99.194
2019nCoV-967	EPI_ISL_454559	hCoV-19/India/NIV-967/2020	Male	51	09-Mar	Recovered	Pune	O	19A	B.4	1077743	1020639	29541	98.789
COV19-701_3	EPI_ISL_454560	hCoV-19/India/NIV-701_3/2020	Male	38	06-Apr	Recovered	Mumbai	G	20A	B.1	2374922	2275895	29795	99.639
COV19-729_3	EPI_ISL_454561	hCoV-19/India/NIV-729_3/2020	Female	24	07-Apr	Recovered	Mumbai	O	19A	B.6	241377	208921	29588	98.947
COV19-815_3	EPI_ISL_454562	hCoV-19/India/NIV-815_3/2020	Male	76	07-Apr	Recovered	Mumbai	G	19A	B	1840088	1716979	29520	98.719
ncov QA-707	EPI_ISL_454563	hCoV-19/India/NIV-QA-707/2020	Not known	Not known	10-Apr	Recovered	Mumbai	GR	20B	B.1.1	2319502	2235612	29828	99.749
ncov QA-708	EPI_ISL_454564	hCoV-19/India/NIV-QA-708/2020	Not known	Not known	04-Apr	Recovered	Mumbai	GR	20B	B.1.1	139513	133167	29766	99.542
ncov QA-710	EPI_ISL_454565	hCoV-19/India/NIV-QA-710/2020	Not known	Not known	31-Mar	Recovered	Mumbai	GR	20B	B.1.1	2132301	2105691	29798	99.649

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ncovQC-795	EPI_ISL_454566	hCoV-19/India/NIV-QC-795/2020	Not known	Not known	21-Apr	Recovered	Mumbai	G	20A	B.1	2013981	1983559	29815	99.706
ncovQC-796	EPI_ISL_454567	hCoV-19/India/NIV-QC-796/2020	Not known	Not known	22-Apr	Recovered	Mumbai	GR	20B	B.1.1	2005827	1963193	29798	99.649
ncovQC-798	EPI_ISL_454568	hCoV-19/India/NIV-QC-798/2020	Not known	Not known	25-Apr	Recovered	Mumbai	O	19A	B.6	1189106	1103326	29780	99.589
ncovQC-799	EPI_ISL_454569	hCoV-19/India/NIV-QC-799/2020	Not known	Not known	26-Apr	Recovered	Mumbai	G	20A	B.1	476556	58481	29815	99.706
ncovQC-801	EPI_ISL_454570	hCoV-19/India/NIV-QC-801/2020	Not known	Not known	26-Apr	Recovered	Mumbai	G	20A	B.1	433874	61217	29766	99.542
2019nCoV-10176	EPI_ISL_479493	hCoV-19/India/NIV-10176/2020	Female	42	15-Apr	Recovered	Pune	GR	20B	B.1.1	1891782	1844453	29804	99.669
2019nCoV-11670	EPI_ISL_479494	hCoV-19/India/NIV-11670/2020	Male	50	19-Apr	Recovered	Pune	GR	20B	B.1.1	595734	577038	29802	99.662
2019nCoV-11857	EPI_ISL_479495	hCoV-19/India/NIV-11857/2020	Female	58	19-Apr	Fatal	Pune	G	20A	B.1	1960729	1895330	29804	99.669
2019nCoV-12430	EPI_ISL_479496	hCoV-19/India/NIV-12430/2020	Female	24	21-Apr	Recovered	Pune	O	19A	B.6	1562252	1521288	29798	99.649
2019nCoV-12628	EPI_ISL_479497	hCoV-19/India/NIV-12628/2020	Male	40	21-Apr	Recovered	Pune	GR	20B	B.1.1	1009294	979005	29800	99.656
2019nCoV-13307	EPI_ISL_479498	hCoV-19/India/NIV-13307/2020	Female	50	23-Apr	Fatal	Pune	GR	20B	B.1.1	1332106	116462	29762	99.528
2019nCoV-14614	EPI_ISL_479499	hCoV-19/India/NIV-14614/2020	Male	51	25-Apr	Fatal	Pune	GR	20B	B.1.1	1095271	228420	29798	99.649
2019nCoV-15115	EPI_ISL_479500	hCoV-19/India/NIV-15115/2020	Female	50	25-Apr	Recovered	Pune	GR	20B	B.1.1	1732958	11303	29793	99.632
2019nCoV-15351	EPI_ISL_479501	hCoV-19/India/NIV-15351/2020	Male	48	26-Apr	Fatal	Pune	GR	20B	B.1.1	3167031	2984848	29805	99.672
2019nCoV-15768	EPI_ISL_479502	hCoV-19/India/NIV-15768/2020	Female	53	27-Apr	Fatal	Pune	GR	20B	B.1.1	1298465	489831	29805	99.672
2019nCoV-15879	EPI_ISL_479503	hCoV-19/India/NIV-15879/2020	Female	50	27-Apr	Recovered	Pune	GR	20B	B.1.1	1394162	543113	29795	99.639
2019nCoV-15941	EPI_ISL_479504	hCoV-19/India/NIV-15941/2020	Female	35	27-Apr	Recovered	Pune	GR	20B	B.1.1	2263158	2192333	29798	99.649
2019nCoV-16503	EPI_ISL_479505	hCoV-19/India/NIV-16503/2020	Female	61	28-Apr	Fatal	Pune	GR	20B	B.1.1	1058354	1029933	29801	99.659

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2019nCoV-16936	EPI_ISL_479506	hCoV-19/India/NIV-16936/2020	Male	10	28-Apr	Recovered	Pune	GR	20B	B.1.1	214190	102900	29767	99.545
2019nCoV-17002	EPI_ISL_479507	hCoV-19/India/NIV-17002/2020	Female	58	29-Apr	Fatal	Pune	GR	20B	B.1.1	1339667	793540	29798	99.649
2019nCoV-17547	EPI_ISL_479508	hCoV-19/India/NIV-17547/2020	Female	40	29-Apr	Recovered	Pune	GR	20B	B.1.1	1557746	1344410	29798	99.649
2019nCoV-17570	EPI_ISL_479509	hCoV-19/India/NIV-17570/2020	Male	65	30-Apr	Fatal	Pune	GR	20B	B.1.1	2736667	671507	29834	99.769
2019nCoV-18650	EPI_ISL_479510	hCoV-19/India/NIV-18650/2020	Female	50	30-Apr	Fatal	Pune	GR	20B	B.1.1	1310879	1236722	29795	99.639
2019nCoV-18728	EPI_ISL_479511	hCoV-19/India/NIV-18728/2020	Female	16	01-May	Recovered	Pune	GR	20B	B.1.1	2588331	2435903	29813	99.699
2019nCoV-19746	EPI_ISL_479512	hCoV-19/India/NIV-19746/2020	Female	58	03-May	Fatal	Pune	GR	20B	B.1.1	922724	885118	29790	99.622
2019nCoV-20134	EPI_ISL_479513	hCoV-19/India/NIV-20134/2020	Male	55	04-May	Fatal	Pune	GR	20B	B.1.1	953021	924732	29801	99.659
2019nCoV-20608	EPI_ISL_479514	hCoV-19/India/NIV-20608/2020	Male	67	04-May	Fatal	Pune	GR	20B	B.1.1	1896779	1835111	29803	99.666
2019nCoV-20878	EPI_ISL_479515	hCoV-19/India/NIV-20878/2020	Female	48	05-May	Recovered	Pune	GR	20B	B.1.1	2853186	1426296	29808	99.682
2019nCoV-21041	EPI_ISL_479516	hCoV-19/India/NIV-21041/2020	Male	40	05-May	Recovered	Pune	G	20A	B.1	93454	78194	29757	99.512
2019nCoV-21455	EPI_ISL_479517	hCoV-19/India/NIV-21455/2020	Male	64	05-May	Fatal	Pune	GR	20B	B.1.1	2051975	1990945	29803	99.666
2019nCoV-22048	EPI_ISL_479518	hCoV-19/India/NIV-22048/2020	Male	45	06-May	Recovered	Pune	GR	20B	B.1.1	2471842	2295154	29804	99.669
2019nCoV-22552	EPI_ISL_479519	hCoV-19/India/NIV-22552/2020	Male	67	07-May	Fatal	Pune	GR	20B	B.1.1	719983	207366	29799	99.652
2019nCoV-22876	EPI_ISL_479520	hCoV-19/India/NIV-22876/2020	Female	65	07-May	Recovered	Pune	O	19A	B.6	1261149	703620	29808	99.682
2019nCoV-23098	EPI_ISL_479521	hCoV-19/India/NIV-23098/2020	Female	70	07-May	Fatal	Pune	GR	20B	B.1.1	1869361	1603265	29806	99.676
2019nCoV-23721	EPI_ISL_479522	hCoV-19/India/NIV-23721/2020	Male	75	08-May	Fatal	Pune	GR	20B	B.1.1	121109	116855	29809	99.686
2019nCoV-24174	EPI_ISL_479523	hCoV-19/India/NIV-24174/2020	Male	43	08-May	Fatal	Pune	GR	20B	B.1.1	4050620	3837266	29808	99.682

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2019nCoV-25950	EPI_ISL_479524	hCoV-19/India/NIV-25950/2020	Male	75	10-May	Recovered	Pune	GR	20B	B.1.1	636809	584944	29766	99.542
2019nCoV-26115	EPI_ISL_479525	hCoV-19/India/NIV-26115/2020	Female	68	12-May	Fatal	Pune	GR	20B	B.1.1	442682	360037	29669	99.217
2019nCoV-27109	EPI_ISL_479526	hCoV-19/India/NIV-27109/2020	Male	66	11-May	Fatal	Pune	GR	20B	B.1.1	3610538	2515965	29811	99.692
2019nCoV-28147	EPI_ISL_479527	hCoV-19/India/NIV-28147/2020	Male	58	12-May	Fatal	Pune	G	20A	B.1	1154194	1053272	29801	99.659
2019nCoV-28416	EPI_ISL_479528	hCoV-19/India/NIV-28416/2020	Male	38	12-May	Fatal	Pune	GR	20B	B.1.1	613384	445917	29796	99.642
2019nCoV-28815	EPI_ISL_479529	hCoV-19/India/NIV-28815/2020	Female	85	13-May	Fatal	Pune	GR	20B	B.1.1	289008	279773	29846	99.809
2019nCoV-28900	EPI_ISL_479530	hCoV-19/India/NIV-28900/2020	Male	80	13-May	Fatal	Pune	GR	20B	B.1.1	806506	508738	29779	99.585
2019nCoV-29053	EPI_ISL_479531	hCoV-19/India/NIV-29053/2020	Female	72	13-May	Fatal	Pune	GR	20B	B.1.1	1368601	1302113	29798	99.649
2019nCoV-29909	EPI_ISL_479532	hCoV-19/India/NIV-29909/2020	Male	65	14-May	Fatal	Pune	GR	20B	B.1.1	229672	140665	29795	99.639
2019nCoV-31191	EPI_ISL_479533	hCoV-19/India/NIV-31191/2020	Male	79	15-May	Fatal	Pune	GR	20B	B.1.1	2449108	252499	29800	99.656
2019nCoV-35868	EPI_ISL_479534	hCoV-19/India/NIV-35868/2020	Female	61	19-May	Fatal	Pune	GR	20B	B.1.1	3343317	3251483	29800	99.656
2019nCoV-36405	EPI_ISL_479535	hCoV-19/India/NIV-36405/2020	Male	40	18-May	Fatal	Pune	GR	20B	B.1.1	3477980	3393421	29808	99.682
2019nCoV-36444	EPI_ISL_479536	hCoV-19/India/NIV-36444/2020	Female	60	19-May	Fatal	Pune	GR	20B	B.1.1	1057675	961523	29805	99.672
2019nCoV-36461	EPI_ISL_479537	hCoV-19/India/NIV-36461/2020	Female	70	20-May	Fatal	Pune	GR	20B	B.1.1	584634	387087	29801	99.659
2019nCoV-37486	EPI_ISL_479538	hCoV-19/India/NIV-37486/2020	Male	61	20-May	Fatal	Pune	GR	20B	B.1.1	798000	732425	29802	99.662
2019nCoV-37502	EPI_ISL_479539	hCoV-19/India/NIV-37502/2020	Male	58	21-May	Fatal	Pune	G	20A	B.1	1821558	1765521	29809	99.686
2019nCoV-37681	EPI_ISL_479540	hCoV-19/India/NIV-37681/2020	Male	65	21-May	Recovered	Pune	GR	20B	B.1.1	1166589	1053162	29830	99.756
2019nCoV-37985	EPI_ISL_479541	hCoV-19/India/NIV-37985/2020	Male	27	21-May	Recovered	Pune	GR	20B	B.1.1	1608460	1554481	29809	99.686

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2019nCoV-38793	EPI_ISL_479542	hCoV-19/India/NIV-38793/2020	Female	45	22-May	Recovered	Pune	GR	20B	B.1.1	1564990	1372543	29782	99.595
2019nCoV-40837	EPI_ISL_479543	hCoV-19/India/NIV-40837/2020	Female	58	23-May	Fatal	Pune	GR	20B	B.1.1	2586747	2335968	29811	99.692
2019nCoV-42694	EPI_ISL_479544	hCoV-19/India/NIV-42694/2020	Female	38	24-May	Recovered	Pune	GR	20B	B.1.1	1009624	966981	29767	99.545
2019nCoV-46430	EPI_ISL_479545	hCoV-19/India/NIV-46430/2020	Male	10	26-May	Recovered	Pune	O	19A	B.6	2263635	2188137	29805	99.672
2019nCoV-44241	EPI_ISL_479546	hCoV-19/India/NIV-44241/2020	Male	77	25-May	Recovered	Pune	G	19A	B	2427022	1908631	29810	99.689
2019nCoV-45071	EPI_ISL_479547	hCoV-19/India/NIV-45071/2020	Female	43	26-May	Recovered	Pune	GR	20B	B.1.1	474255	447681	29804	99.669
2019nCoV-45936	EPI_ISL_479548	hCoV-19/India/NIV-45936/2020	Male	30	28-May	Fatal	Pune	GR	20B	B.1.1	1882564	1708425	29783	99.599
2019nCoV-46303	EPI_ISL_479549	hCoV-19/India/NIV-46303/2020	Female	67	26-May	Fatal	Pune	GR	20B	B.1.1	1297505	12558	29532	98.759
2019nCoV-46317	EPI_ISL_479550	hCoV-19/India/NIV-46317/2020	Female	67	01-Jun	Fatal	Pune	GR	20B	B.1.1	2129201	1843188	29791	99.625
2019nCoV-46348	EPI_ISL_479551	hCoV-19/India/NIV-46348/2020	Male	11	28-May	Recovered	Pune	GR	20B	B.1.1	510181	172665	29760	99.522
2019nCoV-47109	EPI_ISL_479552	hCoV-19/India/NIV-47109/2020	Female	22	28-May	Recovered	Pune	GR	20B	B.1.1	1885885	1804562	29781	99.592
2019nCoV-47470	EPI_ISL_479553	hCoV-19/India/NIV-47470/2020	Male	72	31-May	Fatal	Pune	GR	20B	B.1.1	1427300	777085	29796	99.642
2019nCoV-64463	EPI_ISL_479554	hCoV-19/India/NIV-64463/2020	Female	26	15-Jun	Recovered	Pune	GR	20B	B.1.1	1599112	1549651	29804	99.669
2019nCoV-64478	EPI_ISL_479555	hCoV-19/India/NIV-64478/2020	Female	15	15-Jun	Recovered	Pune	GR	20B	B.1.1	2405706	2371236	29798	99.649
2019nCoV-64850	EPI_ISL_479556	hCoV-19/India/NIV-64850/2020	Female	32	16-Jun	Recovered	Pune	GR	20B	B.1.1	85139	81178	29805	99.672
2019nCoV-64877	EPI_ISL_479557	hCoV-19/India/NIV-64877/2020	Male	14	16-Jun	Recovered	Pune	GR	20B	B.1.1	296173	289332	29845	99.806
2019nCoV-64904	EPI_ISL_479558	hCoV-19/India/NIV-64904/2020	Female	40	16-Jun	Recovered	Pune	GR	20B	B.1.1	3083581	2993515	29839	99.786
2019nCoV-64905	EPI_ISL_479559	hCoV-19/India/NIV-64905/2020	Female	4	16-Jun	Recovered	Pune	GR	20B	B.1.1	1062372	1034111	29835	99.773

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2019nCoV-64908	EPI_ISL_479560	hCoV-19/India/NIV-64908/2020	Female	52	16-Jun	Recovered	Pune	GR	20B	B.1.1	2131556	2095670	29805	99.672
2019nCoV-65281	EPI_ISL_479561	hCoV-19/India/NIV-65281/2020	Female	48	16-Jun	Recovered	Pune	O	20B	B.1.1	1235569	1187877	29564	98.866
2019nCoV-65282	EPI_ISL_479562	hCoV-19/India/NIV-65282/2020	Male	25	16-Jun	Recovered	Pune	GR	20B	B.1.1	1364980	1326860	29804	99.669
2019nCoV-65417	EPI_ISL_479563	hCoV-19/India/NIV-65417/2020	Male	24	16-Jun	Recovered	Pune	GR	20B	B.1.1	1818457	1769691	29808	99.682
2019nCoV-65433	EPI_ISL_479564	hCoV-19/India/NIV-65433/2020	Female	70	16-Jun	Recovered	Pune	GR	20B	B.1.1	2193707	2136243	29801	99.659
2019nCoV-65813	EPI_ISL_479565	hCoV-19/India/NIV-65813/2020	Male	28	16-Jun	Recovered	Pune	GR	20B	B.1.1	804729	786941	29800	99.656
2019nCoV-65829	EPI_ISL_479566	hCoV-19/India/NIV-65829/2020	Male	13	16-Jun	Recovered	Pune	GR	20B	B.1.1	2172737	2107026	29801	99.659
2019nCoV-65835	EPI_ISL_479567	hCoV-19/India/NIV-65835/2020	Male	60	16-Jun	Recovered	Pune	GR	20B	B.1.1	323292	316364	29837	99.779
2019nCoV-65847	EPI_ISL_479568	hCoV-19/India/NIV-65847/2020	Female	45	16-Jun	Recovered	Pune	GR	20B	B.1.1	69647	68044	29819	99.719
2019nCoV-65861	EPI_ISL_479569	hCoV-19/India/NIV-65861/2020	Female	24	16-Jun	Recovered	Pune	GR	20B	B.1.1	212877	202736	29423	98.395
2019nCoV-65877	EPI_ISL_479570	hCoV-19/India/NIV-65877/2020	Male	29	16-Jun	Recovered	Pune	GR	20B	B.1.1	355650	267817	29800	99.656
2019nCoV-65880	EPI_ISL_479571	hCoV-19/India/NIV-65880/2020	Male	28	16-Jun	Recovered	Pune	GR	20B	B.1.1	248198	242767	29802	99.662
SARI-4375	EPI_ISL_479572	hCoV-19/India/NIV-SARI-4375/2020	Male	62	04-Apr	Recovered	Pune	O	19A	B	1574248	849228	29811	99.692
SARI-4487	EPI_ISL_479573	hCoV-19/India/NIV-SARI-4487/2020	Female	75	12-Apr	Recovered	Pune	GR	20B	B.1.1	372560	38838	28045	93.787
2019nCoV-25949	EPI_ISL_479657	hCoV-19/India/NIV-25949/2020	Male	75	09-May	Fatal	Pune	G	20A	B.1	3351730	3232944	29806	99.676
2019nCoV-26133	EPI_ISL_479658	hCoV-19/India/NIV-26133/2020	Female	57	12-May	Fatal	Pune	GR	20B	B.1.1	169767	77565	29129	97.412
2019nCoV-39037	EPI_ISL_479659	hCoV-19/India/NIV-39037/2020	Female	56	22-May	Recovered	Pune	GR	20B	B.1.1	1070919	654045	29509	98.682
2019nCoV-64880	EPI_ISL_479660	hCoV-19/India/NIV-64880/2020	Male	63	16-Jun	Recovered	Pune	G	20A	B.1	95974	15904	21109	70.592

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2019nCoV-65819	EPI_ISL_479661	hCoV-19/India/NIV-65819/2020	Female	20	16-Jun	Recovered	Pune	O	20B	B.1.1	1870056	1814228	29627	99.077
2019nCoV-65815	EPI_ISL_479776	hCoV-19/India/NIV-65815/2020	Female	19	16-Jun	Recovered	Pune	O	20B	B.1	3175132	3103795	29158	97.509
2019nCoV-101459	EPI_ISL_541681	hCoV-19/India/MH-NIV-101459/2020	Female	36	06-Jul	Recovered	Pune	GR	20B	B.1.1.32	165499	135246	29763	99.532
2019nCoV-10418	EPI_ISL_541682	hCoV-19/India/MH-NIV-10418/2020	Male	65	16-Apr	Recovered	Pune	GR	20B	B.1.1.32	756280	706802	29800	99.656
2019nCoV-10435	EPI_ISL_541683	hCoV-19/India/MH-NIV-10435/2020	Male	43	16-Apr	Recovered	Pune	GR	20B	B.1.1.32	1299411	1270916	29608	99.013
2019nCoV-112247	EPI_ISL_541684	hCoV-19/India/MH-NIV-112247/2020	Female	25	13-Jul	Recovered	Pune	GR	20B	B.1.1.32	1171223	1043554	29803	99.666
2019nCoV-113454	EPI_ISL_541685	hCoV-19/India/MH-NIV-113454/2020	Female	25	14-Jul	Recovered	Pune	GR	20B	B.1.1.32	889603	874290	29722	99.395
2019nCoV-114444	EPI_ISL_541686	hCoV-19/India/MH-NIV-114444/2020	Female	30	14-Jul	Recovered	Pune	GR	20B	B.1.1	19634	17882	19756	66.067
2019nCoV-116690	EPI_ISL_541687	hCoV-19/India/MH-NIV-116690/2020	Male	21	15-Jul	Recovered	Pune	GR	20B	B.1.1.32	838215	547732	29805	99.672
2019nCoV-119994	EPI_ISL_541688	hCoV-19/India/MH-NIV-119994/2020	Male	42	17-Jul	Recovered	Pune	GR	20B	B.1.1.32	123810	119148	29733	99.431
2019nCoV-121164	EPI_ISL_541689	hCoV-19/India/MH-NIV-121164/2020	Male	20	17-Jul	Recovered	Pune	GR	20B	B.1.1.32	1568812	1518348	29812	99.696
2019nCoV-122530	EPI_ISL_541690	hCoV-19/India/MH-NIV-122530/2020	Female	42	18-Jul	Recovered	Pune	GR	20B	B.1.1.32	1394192	1364144	29903	100
2019nCoV-123415	EPI_ISL_541691	hCoV-19/India/MH-NIV-123415/2020	Male	67	18-Jul	Recovered	Pune	GR	20B	B.1.1.32	577210	548805	29800	99.656
2019nCoV-124593	EPI_ISL_541692	hCoV-19/India/MH-NIV-124593/2020	Male	72	20-Jul	Fatal	Pune	GR	20B	B.1.1	317299	216467	29803	99.666
2019nCoV-125643	EPI_ISL_541693	hCoV-19/India/MH-NIV-125643/2020	Male	50	20-Jul	Recovered	Pune	GR	20B	B.1.1.32	464051	455927	29830	99.756
2019nCoV-126959	EPI_ISL_541694	hCoV-19/India/MH-NIV-126959/2020	Female	44	21-Jul	Recovered	Pune	GR	20B	B.1.1.32	1094203	1077963	29780	99.589
2019nCoV-136271	EPI_ISL_541695	hCoV-19/India/MH-NIV-136271/2020	Female	66	26-Jul	Recovered	Pune	GR	20B	B.1.1	1528291	1503341	29848	99.816
2019nCoV-137244	EPI_ISL_541696	hCoV-19/India/MH-NIV-137244/2020	Male	22	27-Jul	Recovered	Pune	GR	20B	B.1.1	1620154	1585377	29799	99.652

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2019nCoV-13768	EPI_ISL_541697	hCoV-19/India/MH-NIV-13768/2020	Female	55	23-Apr	Recovered	Pune	GR	20B	B.1.1.32	1184326	1157745	29806	99.676
2019nCoV-13804	EPI_ISL_541698	hCoV-19/India/MH-NIV-13804/2020	Male	19	23-Apr	Recovered	Pune	GR	20B	B.1.1.32	1380546	1317563	29796	99.642
2019nCoV-138100	EPI_ISL_541699	hCoV-19/India/MH-NIV-138100/2020	Female	51	27-Jul	Recovered	Pune	GR	20B	B.1.1.32	609161	592476	29789	99.619
2019nCoV-13868	EPI_ISL_541700	hCoV-19/India/MH-NIV-13868/2020	Male	42	23-Apr	Recovered	Pune	GR	20B	B.1.1.32	1370187	547417	29808	99.682
2019nCoV-150015	EPI_ISL_541701	hCoV-19/India/MH-NIV-150015/2020	Male	74	04-Aug	Recovered	Pune	GR	20B	B.1.1.32	2494442	1938620	29767	99.545
2019nCoV-150596	EPI_ISL_541702	hCoV-19/India/MH-NIV-150596/2020	Male	40	05-Aug	Recovered	Pune	GR	20B	B.1.1.32	592187	522633	29788	99.615
2019nCoV-152698	EPI_ISL_541703	hCoV-19/India/MH-NIV-152698/2020	Female	17	06-Aug	Recovered	Pune	GR	20B	B.1.1.32	40577	36895	28968	96.873
2019nCoV-153805	EPI_ISL_541704	hCoV-19/India/MH-NIV-153805/2020	Female	8	07-Aug	Recovered	Pune	GR	20B	B.1.1.32	1066395	862760	29804	99.669
2019nCoV-155669	EPI_ISL_541705	hCoV-19/India/MH-NIV-155669/2020	Male	38	08-Aug	Recovered	Pune	GR	20B	B.1.1.31	1518447	44848	29515	98.702
2019nCoV-156143	EPI_ISL_541706	hCoV-19/India/MH-NIV-156143/2020	Female	60	08-Aug	Recovered	Pune	GR	20B	B.1.1.32	2939107	471040	29802	99.662
2019nCoV-157478	EPI_ISL_541707	hCoV-19/India/MH-NIV-157478/2020	Female	65	10-Aug	Recovered	Pune	GR	20B	B.1.1.32	1332119	1304439	29800	99.656
2019nCoV-157939	EPI_ISL_541708	hCoV-19/India/MH-NIV-157939/2020	Male	23	10-Aug	Recovered	Pune	GR	20B	B.1.1.32	128853	104012	29644	99.134
2019nCoV-159293	EPI_ISL_541709	hCoV-19/India/MH-NIV-159293/2020	Female	48	11-Aug	Recovered	Pune	GR	20B	B.1.1	2891141	2551600	28684	95.923
2019nCoV-159610	EPI_ISL_541710	hCoV-19/India/MH-NIV-159610/2020	Male	32	11-Aug	Recovered	Pune	GR	20B	B.1.1.32	259558	225894	29743	99.465
2019nCoV-164425	EPI_ISL_541711	hCoV-19/India/MH-NIV-164425/2020	Male	12	14-Aug	Recovered	Pune	GR	20B	B.1.1.32	921594	898498	29809	99.686
2019nCoV-171235	EPI_ISL_541712	hCoV-19/India/MH-NIV-171235/2020	Female	13	19-Aug	Recovered	Pune	GR	20B	B.1.1.32	384077	376573	29409	98.348
2019nCoV-172607	EPI_ISL_541713	hCoV-19/India/MH-NIV-172607/2020	Female	50	20-Aug	Recovered	Pune	GR	20B	B.1.1.32	1130374	1086381	29804	99.669
2019nCoV-173797	EPI_ISL_541714	hCoV-19/India/MH-NIV-173797/2020	Male	50	21-Aug	Recovered	Pune	GR	20B	B.1.1.32	2183925	2140528	29804	99.669

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2019nCoV-174910	EPI_ISL_541715	hCoV-19/India/MH-NIV-174910/2020	Male	14	23-Aug	Recovered	Pune	GR	20B	B.1.1	1827253	1806459	29757	99.512
2019nCoV-176041	EPI_ISL_541716	hCoV-19/India/MH-NIV-176041/2020	Male	59	24-Aug	Recovered	Pune	GR	20B	B.1.1.32	1401524	1297190	29803	99.666
2019nCoV-176352	EPI_ISL_541717	hCoV-19/India/MH-NIV-176352/2020	Female	22	24-Aug	Recovered	Pune	GR	20B	B.1.1.32	2682515	2643441	29807	99.679
2019nCoV-183948	EPI_ISL_541718	hCoV-19/India/MH-NIV-183948/2020	Female	40	28-Aug	Recovered	Pune	GR	20B	B.1.1.32	838457	777406	29805	99.672
2019nCoV-185628	EPI_ISL_541719	hCoV-19/India/MH-NIV-185628/2020	Male	27	29-Aug	Recovered	Pune	GR	20B	B.1.1	152892	119395	29622	99.06
2019nCoV-186959	EPI_ISL_541720	hCoV-19/India/MH-NIV-186959/2020	Female	15	31-Aug	Recovered	Pune	GR	20B	B.1.1.32	1066345	1044818	29804	99.669
2019nCoV-187756	EPI_ISL_541721	hCoV-19/India/MH-NIV-187756/2020	Female	56	31-Aug	Recovered	Pune	GR	20B	B.1.1.32	1318656	1298644	29804	99.669
2019nCoV-19080	EPI_ISL_541722	hCoV-19/India/MH-NIV-19080/2020	Male	42	01-May	Recovered	Pune	GR	20B	B.1.1	84939	24239	26188	87.576
2019nCoV-191205	EPI_ISL_541723	hCoV-19/India/MH-NIV-191205/2020	Female	45	02-Sep	Recovered	Pune	GR	20B	B.1.1.32	494406	469713	29800	99.656
2019nCoV-192922	EPI_ISL_541724	hCoV-19/India/MH-NIV-192922/2020	Male	42	03-Sep	Recovered	Pune	GR	20B	B.1.1.32	1615899	1590563	29800	99.656
2019nCoV-52010	EPI_ISL_541725	hCoV-19/India/MH-NIV-52010/2020	Female	29	04-Jun	Recovered	Pune	GR	20B	B.1.1.32	3486456	3292007	29805	99.672
2019nCoV-57622	EPI_ISL_541726	hCoV-19/India/MH-NIV-57622/2020	Female	38	10-Jun	Recovered	Pune	GR	20B	B.1.1.32	3883074	3760169	29803	99.666
2019nCoV-57774	EPI_ISL_541727	hCoV-19/India/MH-NIV-57774/2020	Male	25	10-Jun	Recovered	Pune	GR	20B	B.1.1.32	293050	160911	29796	99.642
2019nCoV-58210	EPI_ISL_541728	hCoV-19/India/MH-NIV-58210/2020	Female	63	10-Jun	Recovered	Pune	GR	20B	B.1.1.32	765556	751813	29813	99.699
2019nCoV-59437	EPI_ISL_541729	hCoV-19/India/MH-NIV-59437/2020	Male	41	11-Jun	Recovered	Pune	GR	20B	B.1.1.32	1773817	1362224	29801	99.659
2019nCoV-59448	EPI_ISL_541730	hCoV-19/India/MH-NIV-59448/2020	Female	58	11-Jun	Recovered	Pune	GR	20B	B.1.1.32	2853916	2221989	29795	99.639
2019nCoV-60033	EPI_ISL_541731	hCoV-19/India/MH-NIV-60033/2020	Female	60	12-Jun	Recovered	Pune	GR	20B	B.1.1.32	883452	867186	29804	99.669
2019nCoV-60205	EPI_ISL_541732	hCoV-19/India/MH-NIV-60205/2020	Male	13	12-Jun	Recovered	Pune	GH	20A	B.1	158209	37346	28024	93.716

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2019nCoV-69925	EPI_ISL_541733	hCoV-19/India/MH-NIV-69925/2020	Male	9	19-Jun	Recovered	Pune	GR	20B	B.1.1.32	1356077	420520	29804	99.669
2019nCoV-71548	EPI_ISL_541734	hCoV-19/India/MH-NIV-71548/2020	Female	75	20-Jun	Recovered	Pune	GR	20B	B.1.1.32	2875134	2719854	29804	99.669
2019nCoV-71791	EPI_ISL_541735	hCoV-19/India/MH-NIV-71791/2020	Male	23	20-Jun	Recovered	Pune	GR	20B	B.1.1	2427509	2318880	29846	99.809
2019nCoV-72638	EPI_ISL_541736	hCoV-19/India/MH-NIV-72638/2020	Male	40	20-Jun	Recovered	Pune	GR	20B	B.1.1.32	3034582	2908617	29821	99.726
2019nCoV-73012	EPI_ISL_541737	hCoV-19/India/MH-NIV-73012/2020	Male	27	22-Jun	Recovered	Pune	GR	20B	B.1.1	2907339	2770245	29819	99.719
2019nCoV-73500	EPI_ISL_541738	hCoV-19/India/MH-NIV-73500/2020	Male	35	22-Jun	Recovered	Pune	GR	20B	B.1.1.32	773140	644305	29803	99.666
2019nCoV-74837	EPI_ISL_541739	hCoV-19/India/MH-NIV-74837/2020	Male	27	22-Jun	Recovered	Pune	GR	20B	B.1.1.32	2778274	2726757	29803	99.666
2019nCoV-74916	EPI_ISL_541740	hCoV-19/India/MH-NIV-74916/2020	Female	31	03-Jul	Recovered	Pune	GR	20B	B.1.1.32	503558	484517	29804	99.669
2019nCoV-76773	EPI_ISL_541741	hCoV-19/India/MH-NIV-76773/2020	Male	31	23-Jun	Recovered	Pune	GR	20B	B.1.1.32	744325	697413	29804	99.669
2019nCoV-77268	EPI_ISL_541742	hCoV-19/India/MH-NIV-77268/2020	Male	4	23-Jun	Recovered	Pune	GR	20B	B.1.1.32	6193127	6040702	29806	99.676
2019nCoV-77702	EPI_ISL_541743	hCoV-19/India/MH-NIV-77702/2020	Female	40	24-Jun	Recovered	Pune	GR	20B	B.1.1.32	2864804	2454904	29818	99.716
2019nCoV-78532	EPI_ISL_541744	hCoV-19/India/MH-NIV-78532/2020	Male	38	24-Jun	Recovered	Pune	GR	20B	B.1.1	207363	189566	29767	99.545
2019nCoV-80231	EPI_ISL_541745	hCoV-19/India/MH-NIV-80231/2020	Male	60	25-Jun	Recovered	Pune	GR	20B	B.1.1	73719	33408	29535	98.769
2019nCoV-80896	EPI_ISL_541746	hCoV-19/India/MH-NIV-80896/2020	Male	27	25-Jun	Recovered	Pune	GR	20B	B.1.1.32	916679	835148	29779	99.585
2019nCoV-81270	EPI_ISL_541747	hCoV-19/India/MH-NIV-81270/2020	Female	22	25-Jun	Recovered	Pune	GR	20B	B.1.1	4047546	532395	29851	99.826
2019nCoV-96428	EPI_ISL_541748	hCoV-19/India/MH-NIV-96428/2020	Male	50	03-Jul	Recovered	Pune	GR	20B	B.1.1.32	640606	610275	29796	99.642
2019nCoV-97052	EPI_ISL_541749	hCoV-19/India/MH-NIV-97052/2020	Female	53	03-Jul	Recovered	Pune	GR	20B	B.1.1.32	100058	44755	29380	98.251
2019nCoV-99083	EPI_ISL_541750	hCoV-19/India/MH-NIV-99083/2020	Female	24	04-Jul	Recovered	Pune	GR	20B	B.1.1.32	41469	7992	29081	97.251

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2019nCoV-99913	EPI_ISL_541751	hCoV-19/India/MH-NIV-99913/2020	Female	31	06-Jul	Recovered	Pune	G	20A	B.1	1606799	1172561	29804	99.669
2019nCoV-191373	EPI_ISL_577639	hCoV-19/India/MH-NIV-191373/2020	Male	25	02-Sep	Recovered	Pune	GR	20B	B.1.1	57771	26051	28479	95.238
2019nCoV-226874	EPI_ISL_577640	hCoV-19/India/MH-NIV-226874/2020	Female	42	25-Sep	Recovered	Pune	GR	20B	B.1.1.32	535610	505924	29779	99.585
2019nCoV-206486	EPI_ISL_577641	hCoV-19/India/MH-NIV-206486/2020	Male	25	10-Sep	Recovered	Pune	GR	20B	B.1.1	285705	208957	28909	96.676
2019nCoV-206956	EPI_ISL_577642	hCoV-19/India/MH-NIV-206956/2020	Male	44	11-Sep	Recovered	Pune	GR	20B	B.1.1.32	115054	102845	29047	97.137
2019nCoV-212454	EPI_ISL_577643	hCoV-19/India/MH-NIV-212454/2020	Male	19	15-Sep	Recovered	Pune	GR	20B	B.1.1.32	516606	360350	29528	98.746
2019nCoV-213875	EPI_ISL_577644	hCoV-19/India/MH-NIV-213875/2020	Male	54	16-Sep	Recovered	Pune	GR	20B	B.1.1	196325	104822	29779	99.585
2019nCoV-215370	EPI_ISL_577645	hCoV-19/India/MH-NIV-215370/2020	Male	19	16-Sep	Recovered	Pune	GR	20B	B.1.1.32	1219271	298485	29779	99.585
2019nCoV-214788	EPI_ISL_577646	hCoV-19/India/MH-NIV-214788/2020	Male	49	15-Sep	Recovered	Pune	GR	20B	B.1.1	957151	760488	29124	97.395
2019nCoV-223127	EPI_ISL_577647	hCoV-19/India/MH-NIV-223127/2020	Male	23	23-Sep	Recovered	Pune	GR	20B	B.1.1.32	1111764	1009296	29779	99.585
2019nCoV-210557	EPI_ISL_577648	hCoV-19/India/MH-NIV-210557/2020	Female	60	14-Sep	Recovered	Pune	GR	20B	B.1.1.32	1421851	924958	29779	99.585
2019nCoV-223537	EPI_ISL_577649	hCoV-19/India/MH-NIV-223537/2020	Female	22	23-Sep	Recovered	Pune	GR	20B	B.1.1.32	873737	240565	29779	99.585
2019nCoV-221309	EPI_ISL_577650	hCoV-19/India/MH-NIV-221309/2020	Male	34	22-Sep	Recovered	Pune	GR	20B	B.1.1.32	1229298	1156029	29337	98.107
2019nCoV-221624	EPI_ISL_577651	hCoV-19/India/MH-NIV-221624/2020	Male	32	21-Sep	Recovered	Pune	GR	20B	B.1.1.32	1416973	928904	29779	99.585
2019nCoV-222131	EPI_ISL_577652	hCoV-19/India/MH-NIV-222131/2020	Female	63	22-Sep	Recovered	Pune	GR	20B	B.1.1.32	1349871	914341	29779	99.585
2019nCoV-220751	EPI_ISL_577653	hCoV-19/India/MH-NIV-220751/2020	Female	45	21-Sep	Recovered	Pune	GR	20B	B.1.1	181108	136666	28761	96.181
2019nCoV-219744	EPI_ISL_577654	hCoV-19/India/MH-NIV-219744/2020	Male	21	20-Sep	Recovered	Pune	GR	20B	B.1.1	250231	156785	27805	92.984
2019nCoV-220301	EPI_ISL_577655	hCoV-19/India/MH-NIV-220301/2020	Female	46	21-Sep	Recovered	Pune	GR	20B	B.1.1.32	477244	425127	29663	99.197

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2019nCoV-218275	EPI_ISL_577656	hCoV-19/India/MH-NIV-218275/2020	Female	48	19-Sep	Recovered	Pune	GR	20B	B.1.1.32	734000	654642	29779	99.585
2019nCoV-217910	EPI_ISL_577657	hCoV-19/India/MH-NIV-217910/2020	Male	31	18-Sep	Recovered	Pune	GR	20B	B.1.1	927107	784780	29779	99.585
2019nCoV-223126	EPI_ISL_577658	hCoV-19/India/MH-NIV-223126/2020	Female	50	23-Sep	Recovered	Pune	GR	20B	B.1.1.32	1810298	932605	29779	99.585
2019nCoV-216133	EPI_ISL_577659	hCoV-19/India/MH-NIV-216133/2020	Female	28	18-Sep	Recovered	Pune	GR	20B	B.1.1.32	1758749	938822	29779	99.585
2019nCoV-216500	EPI_ISL_577660	hCoV-19/India/MH-NIV-216500/2020	Male	47	18-Sep	Recovered	Pune	GR	20B	B.1.1	1098559	1018626	29779	99.585
2019nCoV-207705	EPI_ISL_577661	hCoV-19/India/MH-NIV-207705/2020	Male	32	11-Sep	Recovered	Pune	GH	20A	B.1.113	1379624	944265	29699	99.318
2019nCoV-216641	EPI_ISL_577662	hCoV-19/India/MH-NIV-216641/2020	Male	64	18-Sep	Recovered	Pune	GR	20B	B.1.1	1741496	944144	29779	99.585
2019nCoV-209697	EPI_ISL_577663	hCoV-19/India/MH-NIV-209697/2020	Female	53	12-Sep	Recovered	Pune	GR	20B	B.1.1.32	1212456	507391	29779	99.585
2019nCoV-216244	EPI_ISL_577664	hCoV-19/India/MH-NIV-216244/2020	Male	32	17-Sep	Recovered	Pune	GR	20B	B.1.1.32	34799912	938681	29777	99.579
2019nCoV-216880	EPI_ISL_577665	hCoV-19/India/MH-NIV-216880/2020	Male	21	18-Sep	Recovered	Pune	GR	20B	B.1.1.32	176071	164390	29702	99.328
2019nCoV-206415	EPI_ISL_577666	hCoV-19/India/MH-NIV-206415/2020	Female	63	10-Sep	Recovered	Pune	GR	20B	B.1.1	178393	112130	28889	96.609
2019nCoV-206926	EPI_ISL_577667	hCoV-19/India/MH-NIV-206926/2020	Male	32	10-Sep	Recovered	Pune	GR	20B	B.1.1	61677	46399	28482	95.248
2019nCoV-207312	EPI_ISL_577668	hCoV-19/India/MH-NIV-207312/2020	Male	48	11-Sep	Recovered	Pune	GR	20B	B.1.1.32	110471	89550	29416	98.371
2019nCoV-209852	EPI_ISL_577669	hCoV-19/India/MH-NIV-209852/2020	Female	50	13-Sep	Recovered	Pune	GR	20B	B.1.1	1334902	938208	28555	95.492
2019nCoV-210934	EPI_ISL_577670	hCoV-19/India/MH-NIV-210934/2020	Female	65	14-Sep	Recovered	Pune	GR	20B	B.1.1.32	1063269	903673	29779	99.585
2019nCoV-185989	EPI_ISL_577671	hCoV-19/India/MH-NIV-185989/2020	Male	35	29-Aug	Recovered	Pune	GR	20B	B.1.1.32	102653	56013	28120	94.037
2019nCoV-197096	EPI_ISL_577672	hCoV-19/India/MH-NIV-197096/2020	Male	50	05-Sep	Recovered	Pune	GH	20A	B.1.113	2347394	938748	29779	99.585
2019nCoV-203951	EPI_ISL_577673	hCoV-19/India/MH-NIV-203951/2020	Female	34	09-Sep	Recovered	Pune	G	20B	B.1.1	34022	29374	26364	88.165

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2019nCoV-208140	EPI_ISL_577674	hCoV-19/India/MH-NIV-208140/2020	Female	23	11-Sep	Recovered	Pune	GR	20B	B.1.1	559307	46087	26922	90.031
2019nCoV-212999	EPI_ISL_577675	hCoV-19/India/MH-NIV-212999/2020	Male	32	15-Sep	Recovered	Pune	GR	20B	B.1.1	946066	837662	29249	97.813
2019nCoV-214342	EPI_ISL_577676	hCoV-19/India/MH-NIV-214342/2020	Female	4	16-Sep	Recovered	Pune	GR	20B	B.1.1.32	1196856	1129255	29583	98.93
2019nCoV-229804	EPI_ISL_577677	hCoV-19/India/MH-NIV-229804/2020	Female	14	29-Sep	Recovered	Pune	GR	20B	B.1.1	590038	476168	29779	99.585
2019nCoV-217242	EPI_ISL_577678	hCoV-19/India/MH-NIV-217242/2020	Male	32	17-Sep	Recovered	Pune	GR	20B	B.1.1	547265	403382	29670	99.221
2019nCoV-229467	EPI_ISL_577679	hCoV-19/India/MH-NIV-229467/2020	Male	26	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1385055	941344	29779	99.585
2019nCoV-229468	EPI_ISL_577680	hCoV-19/India/MH-NIV-229468/2020	Male	52	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1325329	951710	29779	99.585
2019nCoV-229461	EPI_ISL_577681	hCoV-19/India/MH-NIV-229461/2020	Male	18	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	747579	673585	29779	99.585
2019nCoV-229428	EPI_ISL_577682	hCoV-19/India/MH-NIV-229428/2020	Male	32	29-Sep	Recovered	Pune	G	20A	B.1	120052	103201	29562	98.86
2019nCoV-229512	EPI_ISL_577683	hCoV-19/India/MH-NIV-229512/2020	Female	39	28-Sep	Recovered	Pune	GH	20A	B.1.113	731090	684966	29779	99.585
2019nCoV-229539	EPI_ISL_577684	hCoV-19/India/MH-NIV-229539/2020	Male	45	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	16960911	946711	29779	99.585
2019nCoV-229542	EPI_ISL_577685	hCoV-19/India/MH-NIV-229542/2020	Male	18	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1361134	865157	29779	99.585
2019nCoV-229545	EPI_ISL_577686	hCoV-19/India/MH-NIV-229545/2020	Female	39	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1786580	873138	29779	99.585
2019nCoV-229555	EPI_ISL_577687	hCoV-19/India/MH-NIV-229555/2020	Female	18	28-Sep	Recovered	Pune	GH	20A	B.1.113	952136	884868	29040	97.114
2019nCoV-229566	EPI_ISL_577688	hCoV-19/India/MH-NIV-229566/2020	Male	23	28-Sep	Recovered	Pune	GR	20B	B.1.1	1533439	834957	29494	98.632
2019nCoV-229576	EPI_ISL_577689	hCoV-19/India/MH-NIV-229576/2020	Female	35	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	2930566	936571	29779	99.585
2019nCoV-229597	EPI_ISL_577690	hCoV-19/India/MH-NIV-229597/2020	Female	33	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1319625	904349	29779	99.585
2019nCoV-229622	EPI_ISL_577691	hCoV-19/India/MH-NIV-229622/2020	Female	18	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1506739	578794	29771	99.559

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2019nCoV-229643	EPI_ISL_577692	hCoV-19/India/MH-NIV-229643/2020	Female	62	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	3253358	937147	29779	99.585
2019nCoV-229644	EPI_ISL_577693	hCoV-19/India/MH-NIV-229644/2020	Male	64	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	2238553	950307	29779	99.585
2019nCoV-229656	EPI_ISL_577694	hCoV-19/India/MH-NIV-229656/2020	Male	46	29-Sep	Recovered	Pune	GR	20B	B.1.1	1886738	896154	29384	98.264
2019nCoV-229665	EPI_ISL_577695	hCoV-19/India/MH-NIV-229665/2020	Female	16	29-Sep	Recovered	Pune	GR	20B	B.1.1	2832617	914281	29779	99.585
2019nCoV-229684	EPI_ISL_577696	hCoV-19/India/MH-NIV-229684/2020	Male	17	28-Sep	Recovered	Pune	GR	20B	B.1.1	2811885	836055	29366	98.204
2019nCoV-229699	EPI_ISL_577697	hCoV-19/India/MH-NIV-229699/2020	Female	22	29-Sep	Recovered	Pune	G	20A	B.1.80	2793603	915549	28930	96.746
2019nCoV-229715	EPI_ISL_577698	hCoV-19/India/MH-NIV-229715/2020	Female	31	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	2583006	945602	29774	99.569
2019nCoV-229717	EPI_ISL_577699	hCoV-19/India/MH-NIV-229717/2020	Male	7	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	2067967	868947	29779	99.585
2019nCoV-229720	EPI_ISL_577700	hCoV-19/India/MH-NIV-229720/2020	Female	4	29-Sep	Recovered	Pune	G	20A	B.1.80	2721776	940761	29779	99.585
2019nCoV-229771	EPI_ISL_577701	hCoV-19/India/MH-NIV-229771/2020	Male	30	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	2795262	818473	29729	99.418
2019nCoV-229912	EPI_ISL_577702	hCoV-19/India/MH-NIV-229912/2020	Male	29	28-Sep	Recovered	Pune	GH	20A	B.1.113	977963	893095	29779	99.585
2019nCoV-209851	EPI_ISL_577703	hCoV-19/India/MH-NIV-209851/2020	Male	25	13-Sep	Recovered	Pune	GR	20B	B.1	439235	315266	27776	92.887
2019nCoV-206715	EPI_ISL_577704	hCoV-19/India/MH-NIV-206715/2020	Male	79	11-Sep	Recovered	Pune	GR	20B	B.1.1.32	2527298	585744	29779	99.585
2019nCoV-211414	EPI_ISL_577705	hCoV-19/India/MH-NIV-211414/2020	Female	57	14-Sep	Recovered	Pune	GR	20B	B.1.1.32	3488666	927997	29779	99.585
2019nCoV-227343	EPI_ISL_577706	hCoV-19/India/MH-NIV-227343/2020	Female	24	26-Sep	Recovered	Pune	GR	20B	B.1.1.31	3126163	807462	29256	97.836
2019nCoV-QC-1459	EPI_ISL_577707	hCoV-19/India/MH-NIV-QC-1459/2020	Male	36	14-Aug	Recovered	Pune	GR	20B	B.1.1	2118412	847402	29779	99.585
2019nCoV-206457-1	EPI_ISL_577708	hCoV-19/India/MH-NIV-206457-1/2020	Female	26	10-Sep	Recovered	Pune	G	20A	B.1	1594929	9003	28419	95.037
2019nCoV-229898	EPI_ISL_577709	hCoV-19/India/MH-NIV-229898/2020	Male	75	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	2620537	777404	29779	99.585

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Specimen ID	GISAID Accession ID	Virus name	Gender	Age (Year)	Collection date	Outcome	Location (District)	GISAID Clade	Next Strain Clade	Pangolin Lineage	Total Reads	Reads Utilized in IRMA	Genome Length Covered	% Genome Length Covered
2019nCoV-229297	EPI_ISL_577710	hCoV-19/India/MH-NIV-229297/2020	Male	56	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1118060	1059374	29779	99.585
2019nCoV-229360	EPI_ISL_577711	hCoV-19/India/MH-NIV-229360/2020	Male	72	29-Sep	Recovered	Pune	GR	20B	B.1.1	2123405	942943	29516	98.706
2019nCoV-229453	EPI_ISL_577712	hCoV-19/India/MH-NIV-229453/2020	Female	43	29-Sep	Recovered	Pune	G	20A	B.1	1729435	934734	29779	99.585
2019nCoV-229460	EPI_ISL_577713	hCoV-19/India/MH-NIV-229460/2020	Male	27	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	2628904	950378	29779	99.585
2019nCoV-QC-1803	EPI_ISL_577714	hCoV-19/India/KA-NIV-QC-1803/2020	Male	40	Sep	Recovered	Bangalore	GH	20A	B.1.113	2834874	37276	29507	98.676
2019nCoV-QC-1801	EPI_ISL_577715	hCoV-19/India/KA-NIV-QC-1801/2020	Female	40	Sep	Recovered	Bangalore	GH	20A	B.1.113	2012442	206559	29559	98.85
2019nCoV-206457	EPI_ISL_577716	hCoV-19/India/MH-NIV-206457/2020	Female	26	10-Sep	Recovered	Pune	GR	20B	B.1.1	1358537	355674	29429	98.415
2019nCoV-229388	EPI_ISL_577717	hCoV-19/India/MH-NIV-229388/2020	Female	35	29-Sep	Recovered	Pune	GR	20B	B.1.1.32	3419949	938715	29779	99.585
2019nCoV-227726	EPI_ISL_577718	hCoV-19/India/MH-NIV-227726/2020	Male	35	Sep	Recovered	Pune	G	20A	B.1	3071946	924804	29779	99.585
2019nCoV-226708	EPI_ISL_577719	hCoV-19/India/MH-NIV-226708/2020	Female	30	Sep	Recovered	Pune	GR	20B	B.1.1.32	2528822	948721	29779	99.585
2019nCoV-226709	EPI_ISL_577720	hCoV-19/India/MH-NIV-226709/2020	Male	30	25-Sep	Recovered	Pune	GR	20B	B.1.1.32	1683924	944763	29779	99.585
2019nCoV-227244	EPI_ISL_577721	hCoV-19/India/MH-NIV-227244/2020	Female	65	26-Sep	Recovered	Pune	GR	20B	B.1.1.32	151023	50458	29377	98.241
2019nCoV-227243	EPI_ISL_577722	hCoV-19/India/MH-NIV-227243/2020	Female	36	26-Sep	Recovered	Pune	GH	20A	B.1.113	1953534	923289	29779	99.585
2019nCoV-227512	EPI_ISL_577723	hCoV-19/India/MH-NIV-227512/2020	Male	48	26-Sep	Recovered	Pune	GR	20B	B.1.1.32	2961374	942398	29779	99.585
2019nCoV-QC-1377	EPI_ISL_577724	hCoV-19/India/MH-NIV-QC-1377/2020	Male	35	22-Jul	Recovered	Pune	G	20A	B.1.5	93801	57912	28737	96.101
2019nCoV-QC-1379	EPI_ISL_577725	hCoV-19/India/MH-NIV-QC-1379/2020	Male	44	21-Jul	Recovered	Pune	GR	20B	B.1.1	253283	141257	29557	98.843
2019nCoV-QC-1381	EPI_ISL_577726	hCoV-19/India/MH-NIV-QC-1381/2020	Male	44	22-Jul	Recovered	Pune	GR	20B	B.1.1	205188	111597	29593	98.963
2019nCoV-QC-1444	EPI_ISL_577727	hCoV-19/India/MH-NIV-QC-1444/2020	Male	61	08-Sep	Recovered	Pune	GH	20A	B.1.113	1841528	949823	29779	99.585

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Specimen ID	GISAID Accession ID	Virus name	Gender	Age (Year)	Collection date	Outcome	Location (District)	GISAID Clade	Next Strain Clade	Pangolin Lineage	Total Reads	Reads Utilized in IRMA	Genome Length Covered	% Genome Length Covered
2019nCoV-QC-1450	EPI_ISL_577728	hCoV-19/India/MH-NIV-QC-1450/2020	Male	49	08-Sep	Recovered	Pune	GR	20B	B.1.1	421741	37984	29642	99.127
2019nCoV-QC-1405	EPI_ISL_577729	hCoV-19/India/MH-NIV-QC-1405/2020	Female	24	25-Jul	Recovered	Pune	GR	20B	B.1.1.32	258272	218559	29779	99.585
2019nCoV-QC-1844	EPI_ISL_577730	hCoV-19/India/MH-NIV-QC-1844/2020	Male	12	15-Sep	Recovered	Pune	GR	20B	B.1.1.32	2800549	928437	29779	99.585
2019nCoV-QC-1848	EPI_ISL_577731	hCoV-19/India/MH-NIV-QC-1848/2020	Female	56	13-Sep	Recovered	Pune	GR	20B	B.1.1.32	2441857	942467	29779	99.585
2019nCoV-QC-1822	EPI_ISL_577732	hCoV-19/India/MH-NIV-QC-1822/2020	Female	47	Sep	Recovered	Pune	G	20A	B.1	2983822	98512	29779	99.585
2019nCoV-QC-1804	EPI_ISL_577733	hCoV-19/India/MH-NIV-QC-1804/2020	Female	73	Sep	Recovered	Pune	GR	20B	B.1.1.32	3351936	936729	29779	99.585
2019nCoV-229543	EPI_ISL_582241	hCoV-19/India/MH-NIV-229543/2020	Female	18	28-Sep	Recovered	Pune	GR	20B	B.1.1.32	1367271	916405	29779	99.585