

Supplementary Table I: All 103 sequenced sample genomic metadata

Sample Site	Sample name	Collection date	Ct value	Sequencing by	Total reads	Reads aligned	Average read length	Average depth (X)	Genome coverage %
Dharavi-1	FMR-D1-4a	24-08-2022	35.4	Illumina Miseq	1315600	588648	107.9	2124X	56.89
	FMR-D1-6b	05-09-2022	23.0	Illumina Miseq	1631198	1305146	106.6	4653X	64.86
	FMR-D1-7b	07-09-2022	21.3	Illumina Miseq	1213338	1212381	109.1	4423X	97.21
	FMR-D1-8a	12-09-2022	21.6	Illumina Miseq	897640	860868	109.3	3147X	88.2
	FMR-D1-9a	14-09-2022	34.0	Illumina Miseq	1166873	1110466	108.9	4044X	91.21
	FMR-D1-15a	10-10-2022	35.1	Nanopore MinION	40332	2023	590.6	40X	96.44
	FMR-D1-51a	27-02-2023	25.4	Nanopore MinION	55453	13302	404.1	180X	54.27
	FMR-D1-52a	02-03-2023	24.8	Nanopore MinION	31639	4468	343.5	51X	52.43
	FMR-D1-53b	08-03-2023	23.0	Nanopore MinION	46435	2536	340.2	29X	50.38
	FMR-D1-54a	13-03-2023	23.9	Nanopore MinION	28742	5830	387.3	76X	61
	FMR-D1-55a	15-03-2023	22.2	Nanopore MinION	34582	10358	341.1	118X	59.71
	FMR-D1-67b	02-05-2023	22.4	Nanopore MinION	5555	2234	400.5	30X	8.2
	FMR-D1-77b	05-06-2023	24.1	Nanopore MinION	11450	6782	412.8	94X	56.24
	FMR-D2-2b	19-08-2022	2.0	Nanopore MinION	3890	2481	334.8	28X	89.82
Dharavi-2	FMR-D2-10a	19-09-2022	32.5	Illumina Miseq	1503072	1052561	109.3	3847X	93.23
	FMR-D2-5b	29-08-2022	35.2	Illumina Miseq	1765744	1263383	108	4563X	42.66
	FMR-D2-7b	07-09-2022	33.3	Illumina Miseq	1239510	704725	109.2	2574X	95.33
	FMR-D2-8a	12-09-2022	22.1	Illumina Miseq	1185893	1097028	109.4	4339X	91.74
	FMR-D2-9b	14-09-2022	33.7	Illumina Miseq	1163873	1094666	109.2	3998X	89.74
	FMR-D2-12a	26-09-2022	33.2	Nanopore MinION	30805	2243	394.4	30X	95.17
	FMR-D2-50b	22-02-2023	24.4	Nanopore MinION	1397	204	314.5	2X	63.71
	FMR-D2-51a	27-02-2023	24.8	Nanopore MinION	13169	3679	344.9	42X	39.87
	FMR-D2-52a	02-03-2023	24.0	Nanopore MinION	36276	4713	405	64X	38.38
	FMR-D2-53b	08-03-2023	22.8	Nanopore MinION	29602	13884	413.8	192X	73.42
	FMR-D2-54a	13-03-2023	22.2	Nanopore MinION	36831	2986	393.8	39X	65.06
	FMR-D2-55a	15-03-2023	21.8	Nanopore MinION	58402	8726	385.2	112X	57.87
	FMR-D2-59b	03-04-2023	32.0	Nanopore MinION	9940	6386	464.5	99X	74.75
	FMR-D2-67a	02-05-2023	22.7	Nanopore MinION	7726	526	350.7	6X	13.83
	FMR-D2-77b	05-06-2023	24.3	Nanopore MinION	4380	1532	248.1	13X	41.55
	FMR-D3-10a	19-09-2022	35.0	Illumina Miseq	1553333	1200152	109.1	4379X	90.16
	FMR-D3-1b	17-08-2022	34.3	Illumina Miseq	1508602	819755	108.6	5479X	46.18
	Dharavi-3	FMR-D3-6a	05-09-2022	21.7	Illumina Miseq	1325037	294399	107.8	1061X
FMR-D3-7b		07-09-2022	22.1	Illumina Miseq	1135859	586412	109.1	2140X	90.73
FMR-D3-8b		12-09-2022	34.0	Illumina Miseq	1254574	1097977	109.3	4013X	91.98
FMR-D3-9a		14-09-2022	22.6	Illumina Miseq	1239199	1233673	109	4497X	89.6
FMR-D3-12b		26-09-2022	34.5	Nanopore MinION	21485	2006	548.9	37X	90.62
FMR-D3-51b		27-02-2023	25.8	Nanopore MinION	53729	1343	315.8	14X	61.85
FMR-D3-53b		08-03-2023	23.1	Nanopore MinION	38649	2577	390.9	34X	54.8
FMR-D3-54a		13-03-2023	35.9	Nanopore MinION	32712	6970	378.8	88X	46.89
FMR-D3-55a		15-03-2023	23.3	Nanopore MinION	44482	1473	343.8	17X	52.31

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Kherwadi-4	FMR-K4-1b	17-08-2022	22.1	Illumina Miseq	1144569	1036528	110	3715X	87
	FMR-K4-10a	19-09-2022	3.0	Illumina Miseq	1240945	1074531	109.1	3920X	92.61
	FMR-K4-2a	19-08-2022	34.2	Illumina Miseq	1188547	1104407	105.8	4205X	61.31
	FMR-K4-3b	22-08-2022	36.5	Illumina Miseq	1014488	884185	107	3164X	50.79
	FMR-K4-4a	24-08-2022	36.5	Illumina Miseq	1589981	610092	107.6	2195X	85.28
	FMR-K4-7a	07-09-2022	21.9	Illumina Miseq	1304828	1223011	107.9	4413X	48.17
	FMR-K4-8a	12-09-2022	21.8	Illumina Miseq	1110171	524589	109.1	1914X	92.85
	FMR-K4-9b	14-09-2022	22.7	Illumina Miseq	789271	753734	109.1	2750X	90
	FMR-K4-48a	15-02-2023	25.2	Nanopore MinION	4193	245	463.4	4X	49.1
	FMR-K4-51a	27-02-2023	24.1	Nanopore MinION	44918	10288	403.2	139X	66.89
	FMR-K4-52b	02-03-2023	23.6	Nanopore MinION	11912	3696	455.4	56X	43.27
	FMR-K4-53a	08-03-2023	22.2	Nanopore MinION	63099	8805	387.2	114X	57.23
	FMR-K4-54a	13-03-2023	33.1	Nanopore MinION	40924	14678	426.1	209X	66.35
	FMR-K4-55a	15-03-2023	22.1	Nanopore MinION	52274	8304	416.7	116X	69.97
	FMR-K4-59b	03-04-2023	32.0	Nanopore MinION	3078	417	429.4	6X	48.1
	FMR-K4-67a	02-05-2023	23.4	Nanopore MinION	5707	409	403	6X	9.95
	FMR-K4-76b	31-05-2023	24.0	Nanopore MinION	10575	6391	382.8	82X	49.76
Kherwadi-5	FMR-K5-10a	19-09-2022	22.8	Illumina Miseq	1378412	1126586	109	5024X	89.84
	FMR-K5-6a	05-09-2022	21.0	Illumina Miseq	1102878	1061216	107	3797X	67.28
	FMR-K5-7a	07-09-2022	22.4	Illumina Miseq	779904	702081	107.9	2533X	66.84
	FMR-K5-8a	12-09-2022	22.4	Illumina Miseq	1542010	663793	109.2	2424X	89.17
	FMR-K5-13b	28-09-2022	33.1	Nanopore MinION	42394	14724	418.1	206X	97.75
	FMR-K5-50b	22-02-2023	23.8	Nanopore MinION	1173	110	544.2	2X	53.02
	FMR-K5-51b	27-02-2023	21.9	Nanopore MinION	21265	4146	359	50X	42.02
	FMR-K5-52a	02-03-2023	25.7	Nanopore MinION	40812	1187	452.3	18X	56.32
	FMR-K5-53a	08-03-2023	23.7	Nanopore MinION	61452	6413	416.7	89X	61.3
	FMR-K5-54a	13-03-2023	22.3	Nanopore MinION	40881	6390	446.1	95X	54.95
Bhehrampada-6	FMR-K5-55a	15-03-2023	22.0	Nanopore MinION	64061	14911	430.8	215X	58.76
	FMR-K5-76b	31-05-2023	24.8	Nanopore MinION	29087	8967	370.6	111X	57.91
	FMR-B6-3a	22-08-2022	34.6	Illumina Miseq	1287713	1204244	110	4320X	93
	FMR-B6-6a	05-09-2022	21.8	Illumina Miseq	1429788	1109797	107.5	3990X	78.46
	FMR-B6-7b	07-09-2022	33.6	Illumina Miseq	1056282	842112	108.6	3058X	88.52
	FMR-B6-50a	22-02-2023	24.2	Nanopore MinION	1806	330	354.7	4X	73.66
	FMR-B6-51a	27-02-2023	25.2	Nanopore MinION	20611	6686	337.6	76X	44.01
	FMR-B6-52b	02-03-2023	24.4	Nanopore MinION	51388	6801	331.9	76X	76.91
	FMR-B6-53a	08-03-2023	23.1	Nanopore MinION	28775	9796	442.4	145X	58.5
	FMR-B6-54a	13-03-2023	23.6	Nanopore MinION	52699	15377	413.6	213X	44.82
FMR-B6-55a	15-03-2023	22.1	Nanopore MinION	35528	10332	433.4	145X	68.29	
FMR-B6-60a	05-04-2023	32.9	Nanopore MinION	5479	1985	394.6	26X	69.92	
FMR-B6-67a	02-05-2023	23.2	Nanopore MinION	7291	365	351.9	4.3X	19.57	
FMR-B6-76b	31-05-2023	24.0	Nanopore MinION	8938	5300	346.3	61.4X	58.32	

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Behrampada-7	FMR-B7-1c	17-08-2022	33.6	Illumina Miseq	999225	837769	110	3005X	90
	FMR-B7-6a	05-09-2022	22.3	Illumina Miseq	1070380	744848	107.2	2670X	59.43
	FMR-B7-7a	07-09-2022	22.1	Illumina Miseq	914310	881326	109.5	3227X	93.51
	FMR-B7-8b	12-09-2022	34.0	Illumina Miseq	1206039	1148898	109.4	4203X	92.13
	FMR-B7-9b	14-09-2022	22.8	Illumina Miseq	1087282	1039291	109.4	3802X	89.18
	FMR-B7-15b	10-10-2022	22.3	Nanopore MinION	38038	2765	513.5	47X	93.63
	FMR-B7-50a	22-02-2023	24.2	Nanopore MinION	1924	252	243.4	2X	63.96
	FMR-B7-51b	27-02-2023	24.5	Nanopore MinION	86788	15603	363.9	190X	58.55
	FMR-B7-52b	02-03-2023	25.7	Nanopore MinION	49729	13527	388.5	176X	46.27
	FMR-B7-53a	08-03-2023	23.2	Nanopore MinION	30359	12613	416.4	176X	63.21
	FMR-B7-54a	13-03-2023	22.9	Nanopore MinION	27991	13189	474.6	209X	37.43
	FMR-B7-55a	15-03-2023	21.8	Nanopore MinION	44669	16273	413.9	225X	58.31
	FMR-B7-76a	31-05-2023	26.1	Nanopore MinION	8030	2900	379	37X	34.91
Siddharth Nagar-8	FMR-S8-3a	22-08-2022	34.2	Illumina Miseq	1183100	1136446	110	4080X	90
	FMR-S8-4a	24-08-2022	34.4	Illumina Miseq	1620400	1121984	107.7	4041X	76.69
	FMR-S8-60b	05-04-2023	28.2	Nanopore MinION	21429	17316	539.7	313X	81.54
Bandra STP	FMR-B9-59b	03-04-2023	33.0	Nanopore MinION	10399	6911	455.9	105X	62.33
	FMR-B9-67a	02-05-2023	23.9	Nanopore MinION	5234	352	376.9	4X	6.04
	FMR-B9-76a	31-05-2023	25.2	Nanopore MinION	16290	8449	406.1	115X	48.96
Love Grove STP	FMR-L10-60a	05-04-2023	32.6	Nanopore MinION	6291	1657	282.1	16X	63.65
	FMR-L10-67a	02-05-2023	23.0	Nanopore MinION	9657	797	450	12X	7.09
	FMR-L10-76a	31-05-2023	23.9	Nanopore MinION	16956	9833	405.2	133X	47.23