

TABLE S3 Depth of coverage for each isolate

Isolate	Average depth of coverage by reference genome						
	<i>M. tuberculosis</i> , lineage 4	<i>M. tuberculosis</i> , lineage 4	<i>M. tuberculosis</i> , lineage 2	<i>M. africanum</i>	<i>M. bovis</i>	<i>M. canettii</i>	<i>M. kansasii</i>
	H37Rv	CDC1551	CCDC5079	GN041182	AF2122/97	CIPT 140010059	ATCC 12478
9965	68.99	69.26	68.98	68.90	69.60	66.41	15.03
10155	47.63	47.81	47.61	47.55	48.06	45.82	10.91
10223	79.56	79.88	79.70	79.62	80.27	76.70	17.65
11011	49.04	49.22	49.03	48.95	49.45	47.18	11.26
11234	42.84	43.00	42.83	42.76	43.20	41.22	9.63
14069	51.64	51.82	51.62	51.54	52.08	49.67	11.75
14508	79.36	79.69	79.53	79.45	80.03	76.58	17.60
15613	73.42	73.73	73.40	73.34	74.11	70.63	15.77
16490	57.99	58.23	57.98	57.92	58.48	55.78	12.65
16493	58.34	58.56	58.33	58.22	58.84	56.15	13.12
18421	43.40	43.58	43.39	43.34	43.79	41.76	9.84
18422	65.68	65.92	65.68	65.59	66.27	63.20	14.72
18747	51.66	51.87	51.65	51.59	52.19	49.70	11.76
18988	49.43	49.63	49.42	49.35	49.95	47.53	11.18
19057	49.32	49.50	49.31	49.25	49.81	47.47	11.27
19276	40.47	40.63	40.45	40.41	40.90	38.92	9.22
50045	55.85	56.07	55.83	55.79	56.34	53.70	12.16
50179	53.03	53.24	53.03	52.96	53.56	51.05	12.22
50248	80.81	81.13	80.80	80.72	81.54	77.75	17.40
53221	75.43	75.72	75.39	75.35	76.07	72.58	17.16
54902	59.53	59.77	59.51	59.45	60.06	57.26	13.31
55546	89.11	89.47	89.25	89.21	89.90	85.92	19.69
55753	52.70	52.90	52.71	52.64	53.14	50.71	11.77
55988	98.92	99.31	98.89	98.82	99.75	95.26	22.72
55989	89.10	89.44	89.21	89.18	89.86	85.93	20.67
56828	111.65	111.89	111.37	111.23	112.33	107.49	25.85
57052	40.81	40.98	40.80	40.76	41.21	39.26	9.31
58385	74.28	74.57	74.25	74.19	74.94	71.46	15.76
60053	84.05	84.37	84.16	84.14	84.76	81.10	19.00
62796	77.14	77.43	77.11	77.06	77.79	74.27	17.23
62806	88.45	88.77	88.39	88.35	89.21	85.14	20.01
62957	74.01	74.30	73.99	73.97	74.67	71.25	16.20
63113	79.20	79.51	79.18	79.14	79.92	76.24	17.98
63670	68.14	68.41	68.12	68.07	68.79	65.62	15.57
63878	73.12	73.40	73.10	73.05	73.75	70.41	16.69

64165	65.98	66.23	65.95	65.92	66.59	63.53	14.78
64334	83.68	84.01	83.78	83.80	84.41	80.70	18.81
64712	70.07	70.33	70.04	70.00	70.66	67.48	15.68
65165	75.17	75.47	75.26	75.27	75.82	72.57	17.04
66591	58.02	58.25	58.10	58.09	58.51	56.01	13.18
68995	54.47	54.69	54.56	54.54	54.86	52.49	12.26
69094	89.53	89.86	89.52	89.42	90.22	86.12	19.87
73787	71.92	72.18	71.88	71.83	72.48	69.16	16.54
74856	73.43	73.73	73.42	73.35	74.03	70.61	15.85
78501	61.82	62.03	61.80	61.75	62.32	59.46	13.70
78932	68.42	68.68	68.40	68.35	68.97	65.82	15.11
79031	62.64	62.86	62.70	62.70	63.17	60.40	14.48
MT-0080	58.44	58.65	58.45	58.36	58.93	56.25	12.85
MT-0712	53.75	53.95	53.74	53.68	54.21	51.73	11.95
MT-0718	54.04	54.24	54.04	53.97	54.54	52.03	11.81
MT-0721	48.33	48.50	48.34	48.26	48.77	46.55	10.53
MT-0751	48.42	48.59	48.50	48.45	48.84	46.70	10.74
MT-0972	88.00	88.33	87.98	87.88	88.75	84.72	20.13
MT-1103	70.91	71.17	70.89	70.79	71.50	68.24	15.79
MT-1128	48.84	49.01	48.83	48.75	49.27	47.03	11.14
MT-1167	43.48	43.64	43.55	43.50	43.89	41.85	8.69
MT-1206	51.48	51.65	51.47	51.40	51.92	49.52	11.14
MT-1212	73.74	74.01	73.72	73.64	74.38	70.96	16.05
MT-1247	58.07	58.19	57.94	57.88	58.43	55.93	13.00
MT-13-1408	78.78	78.94	78.59	78.50	79.25	75.85	17.81
MT-13-1711	60.34	60.45	60.19	60.10	60.70	58.10	13.73
MT-13-1712	60.17	60.29	60.06	59.95	60.54	57.93	13.00
MT-13-1753	70.94	71.21	71.04	70.97	71.51	68.38	15.95
MT-13-1828	69.56	69.70	69.39	69.30	70.01	66.97	15.58
MT-13-1835	48.67	48.78	48.56	48.51	48.97	46.89	11.00
MT-13-1892	61.89	62.01	61.73	61.64	62.25	59.59	13.98
MT-13-2012	108.73	108.98	108.46	108.33	109.37	104.68	23.30
MT-13-2334	56.86	57.07	56.85	56.79	57.37	54.71	12.44
MT-13-2384	63.19	63.42	63.28	63.22	63.72	60.92	14.13
MT-13-2690	66.11	66.35	66.10	66.03	66.68	63.62	14.63
MT-13-2761	49.01	49.19	49.01	48.95	49.45	47.18	10.79
MT-13-3209	68.42	68.66	68.51	68.44	69.00	65.96	15.26
MT-13-848	92.69	92.91	92.46	92.38	93.27	89.27	20.29
MT-131	39.42	39.57	39.48	39.41	39.82	37.97	8.11
MT-1336	46.87	47.02	46.88	46.76	47.29	45.09	10.23
MT-1345	48.42	48.58	48.49	48.42	48.84	46.72	11.06
MT-1393	52.67	52.84	52.65	52.55	53.12	50.69	11.88

MT-140	42.75	42.89	42.75	42.66	43.12	41.15	9.77
MT-1403	74.69	74.97	74.69	74.59	75.32	71.89	16.09
MT-1466	53.41	53.60	53.41	53.33	53.90	51.41	11.66
MT-1499	71.15	71.41	71.17	71.04	71.75	68.48	15.53
MT-1549	53.16	53.35	53.17	53.06	53.62	51.13	11.95
MT-1605	55.26	55.47	55.24	55.18	55.75	53.17	12.48
MT-1684	123.56	123.99	123.54	123.34	124.59	118.86	27.31
MT-1799	80.97	81.26	80.95	80.86	81.66	77.94	18.15
MT-1838	81.86	82.16	81.87	81.72	82.56	78.82	18.60
MT-1971	49.45	49.60	49.45	49.33	49.86	47.59	11.30
MT-2151	62.35	62.59	62.36	62.28	62.91	60.03	14.07
MT-2174	38.15	38.27	38.14	38.06	38.47	36.69	8.26
MT-2175	43.85	43.98	43.84	43.75	44.22	42.16	9.63
MT-2178	50.66	50.81	50.74	50.65	51.12	48.83	11.32
MT-2184	56.40	56.58	56.39	56.25	56.88	54.26	12.58
MT-2224	51.33	51.49	51.32	51.20	51.79	49.36	10.92
MT-2356	62.91	63.10	62.91	62.78	63.46	60.54	14.20
MT-2465	62.19	62.41	62.18	62.06	62.73	59.84	14.19
MT-2473	80.14	80.43	80.13	80.03	80.84	77.13	17.72
MT-2474	49.12	49.30	49.11	49.04	49.59	47.27	10.27
MT-2538	60.33	60.52	60.32	60.19	60.87	58.04	13.60
MT-2665	47.72	47.89	47.71	47.64	48.13	45.92	10.54
MT-2667	61.75	61.98	61.76	61.68	62.33	59.48	13.64
MT-2706	42.99	43.13	43.00	42.90	43.36	41.35	9.53
MT-2720	67.83	68.05	67.81	67.69	68.40	65.29	15.47
MT-2762	56.61	56.81	56.61	56.51	57.10	54.52	12.81
MT-2768	46.93	47.08	46.92	46.84	47.35	45.19	10.51
MT-2769	63.40	63.60	63.40	63.28	63.95	61.05	14.32
MT-2771	80.10	80.38	80.10	79.98	80.80	77.08	17.65
MT-2792	60.65	60.86	60.75	60.65	61.17	58.52	13.46
MT-2800	64.85	65.08	64.85	64.74	65.37	62.44	14.83
MT-289	68.07	68.34	68.07	67.98	68.64	65.52	15.43
MT-2905	56.03	56.25	56.12	56.08	56.49	54.05	12.51
MT-2910	69.75	70.00	69.87	69.81	70.38	67.36	15.90
MT-2931	104.96	105.40	105.16	105.09	105.93	101.32	23.75
MT-3000	53.55	53.73	53.64	53.56	54.01	51.64	11.88
MT-3004	75.17	75.41	75.30	75.17	75.78	72.50	16.71
MT-3074	49.85	50.00	49.85	49.74	50.29	47.97	10.39
MT-3173	42.06	42.23	42.05	42.04	42.45	40.47	8.63
MT-3194	72.91	73.18	72.92	72.82	73.55	70.16	15.96
MT-3239	71.75	72.00	71.87	71.78	72.36	69.21	15.68
MT-3255	44.38	44.54	44.38	44.31	44.76	42.71	9.55

MT-3271	47.46	47.63	47.47	47.39	47.86	45.61	10.20
MT-3281	80.10	80.38	80.24	80.12	80.78	77.25	17.26
MT-3296	61.10	61.29	61.19	61.09	61.64	58.91	13.89
MT-3341	46.84	47.01	46.84	46.75	47.26	45.07	10.18
MT-3673	48.90	49.05	48.89	48.80	49.33	47.03	10.74
MT-3683	70.56	70.82	70.56	70.45	71.17	67.93	15.47
MT-3787	45.52	45.68	45.51	45.43	45.92	43.80	10.15
MT-389	48.13	39.43	48.13	48.02	48.53	46.30	10.67
MT-393	67.52	67.74	67.62	67.54	68.10	65.15	15.46
MT-398	39.29	39.43	39.28	39.23	39.62	37.83	8.67
MT-405	53.99	54.17	53.99	53.87	54.46	51.95	11.96
MT-4067	59.17	59.37	59.16	59.07	59.65	56.93	13.02
MT-4137	53.08	53.24	53.17	53.09	53.55	51.20	11.95
MT-4166	96.86	97.22	96.82	96.73	97.70	93.22	21.74
MT-4230	91.26	91.62	91.40	91.35	92.04	88.05	20.36
MT-441	54.34	54.51	54.33	54.21	54.80	52.31	12.39
MT-452	55.69	55.89	55.70	55.59	56.21	53.61	12.36
MT-467	47.90	48.10	47.93	47.87	48.35	46.11	10.31
MT-4683	67.69	67.91	67.69	67.58	68.28	65.13	14.95
MT-4846	53.03	53.26	53.13	53.10	53.61	51.08	10.29
MT-4854	53.10	53.28	53.10	53.00	53.54	51.09	11.75
MT-4884	65.72	65.95	65.80	65.75	66.25	63.37	14.69
MT-4942	60.97	61.19	60.98	60.87	61.50	58.68	13.13
MT-504	67.54	67.77	67.53	67.42	68.10	64.99	15.88
MT-5195	76.29	76.57	76.29	76.17	76.94	73.44	17.60
MT-5337	50.84	51.03	50.85	50.77	51.32	48.94	10.64
MT-5373	96.44	96.80	96.42	96.29	97.25	92.83	21.46
MT-5383	61.66	61.90	61.67	61.61	62.23	59.31	12.84
MT-5447	55.46	55.69	55.56	55.52	56.05	53.44	11.78
MT-5531	56.13	56.39	56.15	56.10	56.73	54.00	11.29
MT-5543	58.77	58.96	58.86	58.78	59.28	56.70	12.82
MT-567	77.89	78.17	77.89	77.76	78.54	74.96	16.78
MT-5870	50.87	51.04	50.86	50.77	51.31	48.96	11.11
MT-5983	76.06	76.39	76.07	76.00	76.91	73.13	15.39
MT-6084	69.98	70.23	69.98	69.86	70.58	67.36	15.11
MT-6205	73.78	74.10	73.89	73.87	74.54	71.13	15.46
MT-6218	74.27	74.56	74.27	74.17	74.91	71.50	17.00
MT-6226	52.55	52.81	52.57	52.54	53.15	50.52	10.43
MT-6429	88.53	88.87	88.52	88.39	89.33	85.24	20.10
MT-661	49.89	50.05	49.88	49.79	50.32	47.99	11.08
MT-692	66.84	67.09	66.84	66.74	67.43	64.32	14.61
MT-853	59.55	59.75	59.56	59.45	60.08	57.31	13.03

MT-877

51.41

51.57

51.41

51.31

51.86

49.49

11.43