

**TABLE S2** Genome coverage for each isolate

Isolate	Genome coverage (%) at 1x depth 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	98.86	99.25	98.75	98.88	99.27	95.04	34.63
10155	98.90	99.34	98.78	98.92	99.32	95.04	34.20
10223	98.70	99.13	98.80	98.94	99.19	95.12	34.90
11011	98.92	99.35	98.80	98.94	99.34	95.06	34.35
11234	98.83	99.25	98.71	98.84	99.26	94.99	33.66
14069	98.91	99.34	98.79	98.92	99.33	95.07	34.35
14508	98.71	99.12	98.79	98.92	99.19	95.11	34.84
15613	98.90	99.30	98.80	98.91	99.29	95.07	34.70
16490	98.82	99.25	98.70	98.84	99.25	95.01	34.07
16493	98.88	99.32	98.78	98.88	99.30	95.06	34.36
18421	98.84	99.26	98.73	98.86	99.28	95.03	33.83
18422	98.91	99.34	98.80	98.94	99.32	95.10	34.60
18747	98.86	99.28	98.77	98.90	99.29	95.03	34.21
18988	98.82	99.25	98.75	98.85	99.26	95.03	34.13
19057	98.90	99.31	98.80	98.92	99.31	95.06	34.18
19276	98.86	99.28	98.75	98.87	99.29	95.03	33.85
50045	98.95	99.33	98.79	98.95	99.35	95.06	34.55
50179	98.88	99.28	98.77	98.90	99.30	95.05	34.27
50248	98.95	99.39	98.82	98.97	99.36	95.13	35.09
53221	99.01	99.43	98.87	99.03	99.41	95.16	35.10
54902	98.97	99.38	98.84	99.00	99.37	95.13	34.83
55546	98.72	99.13	98.78	98.93	99.19	95.10	34.88
55753	98.94	99.35	98.83	98.96	99.34	95.08	34.47
55988	98.98	99.40	98.85	99.00	99.38	95.14	35.22
55989	98.80	99.22	98.87	99.01	99.28	95.15	35.14
56828	99.08	99.35	98.69	98.85	99.21	95.21	35.48
57052	98.86	99.28	98.72	98.86	99.29	95.01	33.95
58385	98.83	99.27	98.73	98.86	99.27	95.05	34.57
60053	98.77	99.19	98.85	98.98	99.22	95.13	35.25
62796	98.92	99.32	98.80	98.92	99.33	95.07	35.01
62806	98.90	99.31	98.78	98.89	99.31	95.06	35.08
62957	98.93	99.34	98.78	98.94	99.33	95.10	35.07
63113	98.97	99.39	98.84	98.98	99.38	95.12	35.13
63670	98.89	99.32	98.79	98.91	99.30	95.03	34.79
63878	98.93	99.34	98.81	98.92	99.34	95.06	34.87

64165	98.90	99.32	98.78	98.91	99.30	95.08	34.78
64334	98.73	99.14	98.78	98.93	99.18	95.08	35.15
64712	98.90	99.32	98.77	98.91	99.31	95.07	34.80
65165	98.69	99.09	98.77	98.91	99.16	95.06	34.92
66591	98.50	98.89	98.57	98.70	98.95	94.89	34.50
68995	98.79	99.19	98.85	99.01	99.21	95.14	34.54
69094	99.06	99.50	98.93	99.09	99.45	95.23	35.38
73787	99.08	99.52	98.93	99.09	99.48	95.19	35.28
74856	99.00	99.44	98.87	99.03	99.42	95.17	34.92
78501	99.00	99.43	98.86	98.99	99.39	95.16	34.83
78932	98.98	99.42	98.84	99.04	99.40	95.18	34.93
79031	98.84	99.28	98.91	99.08	99.28	95.21	34.83
MT-0080	98.77	99.23	98.69	98.81	99.23	95.02	34.00
MT-0712	98.90	99.32	98.78	98.92	99.31	95.09	34.28
MT-0718	98.85	99.31	98.76	98.89	99.28	95.07	34.30
MT-0721	98.86	99.28	98.75	98.86	99.28	95.03	34.09
MT-0751	98.66	99.09	98.79	98.88	99.13	95.09	34.95
MT-0972	98.90	99.33	98.81	98.95	99.34	95.13	35.16
MT-1103	98.89	99.31	98.80	98.90	99.31	95.10	34.67
MT-1128	98.89	99.31	98.79	98.93	99.32	95.09	34.30
MT-1167	98.53	98.95	98.65	98.76	99.02	94.97	33.34
MT-1206	98.87	99.31	98.74	98.90	99.29	95.05	34.15
MT-1212	98.94	99.37	98.82	98.97	99.36	95.15	34.81
MT-1247	98.90	99.18	98.50	98.64	99.05	95.06	34.18
MT-13-1408	99.03	99.31	98.68	98.81	99.16	95.19	34.80
MT-13-1711	99.06	99.32	98.66	98.80	99.19	95.17	34.71
MT-13-1712	98.97	99.21	98.61	98.71	99.10	95.11	34.37
MT-13-1753	98.73	99.17	98.82	98.98	99.21	95.12	34.80
MT-13-1828	99.07	99.33	98.67	98.80	99.19	95.17	34.81
MT-13-1835	99.03	99.29	98.65	98.78	99.15	95.15	34.35
MT-13-1892	98.99	99.26	98.59	98.74	99.13	95.11	34.62
MT-13-2012	98.98	99.20	98.59	98.73	99.09	95.12	35.06
MT-13-2334	98.94	99.38	98.81	98.98	99.35	95.10	34.45
MT-13-2384	98.72	99.15	98.80	98.94	99.19	95.09	34.63
MT-13-2690	99.01	99.44	98.88	99.03	99.41	95.15	34.76
MT-13-2761	98.93	99.38	98.80	98.95	99.35	95.07	34.13
MT-13-3209	98.74	99.17	98.84	98.98	99.21	95.12	34.68
MT-13-848	98.96	99.24	98.61	98.71	99.11	95.16	34.86
MT-131	98.56	98.96	98.66	98.78	99.04	94.96	33.19
MT-1336	98.81	99.24	98.72	98.83	99.26	95.03	33.84
MT-1345	98.67	99.12	98.75	98.88	99.17	95.03	34.17
MT-1393	98.87	99.30	98.78	98.88	99.29	95.05	34.25

MT-140	98.86	99.28	98.73	98.87	99.28	95.05	33.98
MT-1403	98.80	99.23	98.69	98.82	99.24	95.02	34.30
MT-1466	98.88	99.34	98.77	98.94	99.32	95.09	34.47
MT-1499	98.80	99.23	98.68	98.83	99.23	95.04	34.43
MT-1549	98.89	99.32	98.77	98.90	99.32	95.10	34.36
MT-1605	98.84	99.29	98.75	98.90	99.31	95.08	34.38
MT-1684	98.88	99.30	98.77	98.90	99.31	95.12	35.29
MT-1799	98.87	99.29	98.75	98.88	99.28	95.08	34.71
MT-1838	98.89	99.31	98.78	98.92	99.31	95.11	34.87
MT-1971	98.89	99.32	98.76	98.91	99.32	95.05	34.36
MT-2151	98.86	99.28	98.76	98.88	99.29	95.07	34.42
MT-2174	98.83	99.25	98.73	98.87	99.27	95.02	33.81
MT-2175	98.80	99.20	98.70	98.83	99.24	95.03	33.89
MT-2178	98.67	99.08	98.75	98.86	99.12	95.05	34.27
MT-2184	98.86	99.29	98.77	98.89	99.30	95.08	34.41
MT-2224	98.79	99.23	98.68	98.80	99.24	95.00	34.03
MT-2356	98.91	99.32	98.80	98.90	99.32	95.10	34.67
MT-2465	98.90	99.33	98.81	98.93	99.33	95.11	34.64
MT-2473	98.82	99.26	98.76	98.87	99.26	95.09	34.67
MT-2474	98.76	99.19	98.69	98.79	99.22	94.98	33.57
MT-2538	98.89	99.30	98.77	98.89	99.30	95.08	34.64
MT-2665	98.82	99.21	98.71	98.83	99.23	95.02	33.78
MT-2667	98.84	99.27	98.73	98.85	99.28	95.08	34.42
MT-2706	98.85	99.28	98.74	98.87	99.28	95.03	34.00
MT-2720	98.85	99.31	98.77	98.90	99.30	95.10	34.70
MT-2762	98.83	99.26	98.74	98.85	99.26	95.04	34.40
MT-2768	98.91	99.32	98.77	98.92	99.32	95.09	34.21
MT-2769	98.86	99.28	98.77	98.87	99.28	95.07	34.54
MT-2771	98.82	99.24	98.73	98.85	99.28	95.08	34.61
MT-2792	98.57	98.96	98.64	98.76	99.02	94.94	34.33
MT-2800	98.90	99.33	98.81	98.94	99.32	95.12	34.64
MT-289	98.93	99.38	98.83	98.97	99.38	95.13	34.69
MT-2905	98.48	98.89	98.59	98.69	98.96	94.87	34.02
MT-2910	98.55	98.96	98.64	98.77	99.01	94.93	34.53
MT-2931	98.61	99.04	98.67	98.81	99.08	95.00	35.18
MT-3000	98.64	99.04	98.65	98.80	99.09	94.94	34.28
MT-3004	98.53	98.94	98.62	98.75	98.99	94.96	34.72
MT-3074	98.79	99.22	98.70	98.80	99.22	95.01	33.66
MT-3173	98.66	99.08	98.56	98.65	99.08	94.90	33.11
MT-3194	98.84	99.27	98.74	98.88	99.26	95.11	34.61
MT-3239	98.61	99.02	98.67	98.80	99.10	95.02	34.17
MT-3255	98.71	99.13	98.62	98.73	99.15	94.95	33.11

MT-3271	98.79	99.22	98.72	98.80	99.22	94.97	33.48
MT-3281	98.62	99.04	98.72	98.85	99.11	95.05	34.42
MT-3296	98.77	99.17	98.82	98.97	99.21	95.10	34.71
MT-3341	98.76	99.22	98.67	98.79	99.21	95.00	33.72
MT-3673	98.89	99.30	98.76	98.90	99.31	95.07	34.12
MT-3683	98.81	99.25	98.72	98.85	99.24	95.06	34.34
MT-3787	98.82	99.25	98.72	98.84	99.25	95.04	33.92
MT-389	98.82	99.26	98.72	98.87	99.26	95.06	34.04
MT-393	98.68	99.09	98.75	98.87	99.15	95.07	34.66
MT-398	98.78	99.18	98.64	98.75	99.20	94.97	33.36
MT-405	98.84	99.27	98.75	98.86	99.27	95.07	34.22
MT-4067	98.81	99.24	98.72	98.84	99.26	95.03	34.12
MT-4137	98.68	99.11	98.77	98.91	99.16	95.07	34.44
MT-4166	98.99	99.41	98.87	99.00	99.41	95.16	35.33
MT-4230	98.79	99.20	98.85	99.00	99.24	95.14	35.10
MT-441	98.95	99.36	98.80	98.95	99.37	95.09	34.49
MT-452	98.94	99.40	98.84	98.98	99.39	95.14	34.63
MT-467	98.80	99.21	98.69	98.83	99.23	94.99	33.61
MT-4683	98.88	99.30	98.75	98.89	99.29	95.07	34.42
MT-4846	98.47	98.88	98.58	98.67	98.97	94.93	32.92
MT-4854	98.82	99.25	98.72	98.86	99.25	95.06	33.95
MT-4884	98.63	99.07	98.72	98.85	99.12	95.05	34.33
MT-4942	98.77	99.20	98.68	98.79	99.22	95.00	33.83
MT-504	98.98	99.44	98.87	99.00	99.41	95.15	34.94
MT-5195	98.95	99.38	98.83	98.98	99.38	95.12	34.82
MT-5337	98.71	99.14	98.64	98.73	99.15	94.97	33.36
MT-5373	98.93	99.34	98.80	98.92	99.33	95.13	35.07
MT-5383	98.85	99.28	98.76	98.88	99.28	95.05	34.52
MT-5447	98.71	99.09	98.77	98.93	99.16	95.09	34.95
MT-5531	98.70	99.13	98.64	98.73	99.17	94.95	33.32
MT-5543	98.65	99.08	98.74	98.87	99.15	95.05	34.39
MT-567	98.82	99.23	98.73	98.84	99.25	95.06	34.39
MT-5870	98.85	99.27	98.72	98.85	99.27	95.05	34.16
MT-5983	98.84	99.26	98.77	98.84	99.26	95.11	34.65
MT-6084	98.82	99.25	98.73	98.84	99.24	95.07	34.25
MT-6205	98.62	99.06	98.72	98.86	99.12	95.05	34.61
MT-6218	98.90	99.34	98.81	98.93	99.35	95.11	34.91
MT-6226	98.73	99.17	98.65	98.73	99.18	94.96	33.35
MT-6429	98.90	99.33	98.80	98.94	99.35	95.13	35.16
MT-661	98.90	99.33	98.78	98.90	99.31	95.07	34.33
MT-692	98.92	99.34	98.90	98.97	99.36	95.16	38.20
MT-853	98.83	99.24	98.71	98.83	99.24	95.01	34.34

MT-877

98.92

99.36

98.78

98.92

99.34

95.08

34.43