

TABLE S4 Clusters and colour scheme used in Figures

Isolate	Cluster according to <i>M. tuberculosis</i> lineage 4, CDC1551	Colours used in all figures based on the CDC1551 clusters	Changes in clustering compared to those identified using CDC1551, by reference genome					
			<i>M. tuberculosis</i> H37Rv	<i>M. tuberculosis</i> CCDC5079	<i>M. africanum</i>	<i>M. bovis</i>	<i>M. canettii</i>	<i>M. kansasii</i>
56828	Mn	Blue	No change	No change	No change	No change	No change	Clustering lost
MT-1247	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1408	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1711	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1712	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1828	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1835	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-1892	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-2012	Mn		No change	No change	No change	No change	No change	Clustering lost
MT-13-848	Mn		No change	No change	No change	No change	No change	Clustering lost
55753	Mj-VI	Grey	No change	No change	No change	No change	No change	No change
55988	Mj-VI	Grey	No change	No change	No change	No change	No change	No change
10155	Mj-I	Purple	No change	No change	No change	No change	No change	No change
11011	Mj-I		No change	No change	No change	No change	No change	No change
11234	Mj-I		No change	No change	No change	No change	No change	No change
14069	Mj-I		No change	No change	No change	No change	No change	No change
16493	Mj-I		No change	No change	No change	No change	No change	No change
18421	Mj-I		No change	No change	No change	No change	No change	No change
18422	Mj-I		No change	No change	No change	No change	No change	No change
18747	Mj-II		No change	No change	No change	No change	No change	Clustering lost
18988	Mj-II	Teal	No change	No change	No change	No change	No change	Clustering lost
19057	Mj-II		No change	No change	No change	No change	No change	Clustering lost

19276	Mj-II		No change	No change	No change	No change	No change	Clustering lost
50179	Mj-II		No change	No change	No change	No change	No change	Clustering lost
57052	Mj-II		No change	No change	No change	No change	No change	Clustering lost
63670	Mj-II		No change	No change	No change	No change	No change	Clustering lost
64165	Mj-II		No change	No change	No change	No change	No change	Clustering lost
54902	Mj-IV.a		No change	No change	No change	No change	No change	Clustering lost
9965	Mj-IV.a		No change	No change	No change	No change	No change	Clustering lost
16490	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
50045	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
50248	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
53221	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
62806	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
62957	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
63113	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
64712	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-13-2334	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-13-2690	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-13-2761	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-1403	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-1799	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-398	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-4067	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-4683	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-5373	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
MT-5870	Mj-IV.b		No change	No change	No change	No change	No change	Clustering lost
62796	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost
63878	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost
MT-140	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost
MT-1499	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost
MT-1971	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost

MT-2224	Mj-IV.c	Green	No change	No change	No change	No change	No change	Clustering lost	
MT-2768	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-441	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-452	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-661	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-692	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-853	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
MT-877	Mj-IV.c		No change	No change	No change	No change	No change	Clustering lost	
58385	Not clustered	Grey	No change	No change	No change	No change	No change	No change	
10223	Mj-V.a	Red	No change	No change	No change	No change	No change	Clustering lost	
55546	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
55989	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
60053	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
64334	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
65165	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
68995	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-1167	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-13-1753	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-1345	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-3296	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-393	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-4137	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-4884	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-5543	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
MT-751	Mj-V.a		No change	No change	No change	No change	No change	Clustering lost	
14508	Mj-V.a		No change	No change	No change	No change	Mj-V.c	Clustering lost	
79031	Mj-V.b		Blue	No change	No change	No change	No change	No change	Clustering lost
MT-13-2384	Mj-V.b			No change	No change	No change	No change	No change	Clustering lost
MT-13-3209	Mj-V.b			No change	No change	No change	No change	No change	Clustering lost
MT-131	Mj-V.b	No change		No change	No change	No change	No change	Clustering lost	

MT-2178	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
MT-3281	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
MT-4230	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
MT-4846	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
MT-5447	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
MT-6205	Mj-V.b		No change	No change	No change	No change	No change	Clustering lost
66591	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-2792	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-2905	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-2910	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-2931	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-3000	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-3004	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
MT-3239	Mj-V.c		No change	No change	No change	No change	No change	Clustering lost
15613	Mj-V.d		No change	No change	No change	No change	No change	Clustering lost
MT-2538	Mj-V.d		No change	No change	No change	No change	No change	Clustering lost
74856	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
78932	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-1393	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-1549	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-1605	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-2175	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-2706	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-2720	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-2771	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-2800	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-3074	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-3255	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-3341	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost
MT-3673	Mj-III.a		No change	No change	No change	No change	No change	Clustering lost

