

The evolution of *Mycobacterium bovis* isolates from South Africa

Table S1. Sequences of *Mycobacterium. sp.* isolates included in the analysis

Isolate name	Original study	Genbank accession number
<i>M. africanum</i> 11821_03	(1)	SRX007724
<i>M. africanum</i> 4141_04	(1)	SRX007726
<i>M. africanum</i> 533604	(2)	ERS153831
<i>M. africanum</i> 541504	(2)	ERR031459
<i>M. africanum</i> 544404	(1)	SRX007725
<i>M. africanum</i> 823602	(2)	ERS153832
<i>M. africanum</i> GM_0981	(1)	SRX007722
<i>M. africanum</i> N0091	(2)	ERR031479
<i>M. africanum</i> N0092	(2)	ERR031480
<i>M. africanum</i> N0115	(2)	ERR031484
<i>M. bovis</i> (ravenel)	SRA EBI Animal	SRR022532
<i>M. bovis</i> 05-9937_Herd B-1	(3)	SRR1791979
<i>M. bovis</i> 06-1534_Herd E-1-LNABD	(3)	SRR1791997
<i>M. bovis</i> 06-3639_Deer 2-Carcass	(3)	SRR1792009
<i>M. bovis</i> 07-7693_Deer 12	(3)	SRR1792076
<i>M. bovis</i> 08-2629_Herd J-1-LNTHX	(3)	SRR1792144
<i>M. bovis</i> 08-2629_Herd J-1-LNTHX	(3)	SRR1792114
<i>M. bovis</i> 09-3405_Herd L-7	(3)	SRR1792179
<i>M. bovis</i> 1067(2)	This study	Pending
<i>M. bovis</i> 1081(1)	This study	Pending
<i>M. bovis</i> 1121_T17	PRJEB2088 [#]	ERR016864
<i>M. bovis</i> 12-5090_TX_Beef_12-A_2LNHD THX	(3)	SRR1792338
<i>M. bovis</i> 1307_T35	PRJEB2088 [#]	ERR016866
<i>M. bovis</i> 13-3990_ND_Beef_13-A_1	(3)	SRR1792429
<i>M. bovis</i> 1457(4)	This study	Pending
<i>M. bovis</i> 1474	This study	Pending
<i>M. bovis</i> 150(3)	This study	Pending
<i>M. bovis</i> 1531(10)	This study	Pending
<i>M. bovis</i> 1595-F(24)	This study	Pending
<i>M. bovis</i> 1771	This study	Pending
<i>M. bovis</i> 1865(A)	This study	Pending
<i>M. bovis</i> 2122_PDIMneg	PRJEB2088 [#]	ERR016868
<i>M. bovis</i> 2122_PDIMpos	PRJEB2088 [#]	ERR016867
<i>M. bovis</i> 2451_T25	PRJEB2088 [#]	ERR016865
<i>M. bovis</i> 2837(33)	This study	Pending
<i>M. bovis</i> 3912 (B)	This study	Pending
<i>M. bovis</i> 440(5)	This study	Pending
<i>M. bovis</i> 659(A)	This study	Pending
<i>M. bovis</i> 734(16)	This study	Pending

<i>M. bovis</i> 747(11)	This study	Pending
<i>M. bovis</i> 9969-1	This study	Pending
<i>M. bovis</i> AgR1-sc-1882022	PRJEB5830 ^{\$}	ERR564260
<i>M. bovis</i> AgR2-sc-1882023	PRJEB5830 ^{\$}	ERR564261
<i>M. bovis</i> AgR3-sc-1882024	PRJEB5830 ^{\$}	ERR564262
<i>M. bovis</i> AN5	PRJEB2088 [#]	ERR016863
<i>M. bovis</i> AN5R	PRJEB2088 [#]	ERR032134
<i>M. bovis</i> 1199 B(19)	This study	Pending
<i>M. bovis</i> BT-70250	(4)	SRR1657070
<i>M. bovis</i> BT-81069	(4)	SRR1657101
<i>M. bovis</i> c_0112	(4)	SRR1657059
<i>M. bovis</i> c_0254	(4)	SRR1657056
<i>M. bovis</i> c_4875	(4)	SRR1657061
<i>M. bovis</i> c_6256	(4)	SRR1657065
<i>M. bovis</i> c_6347	(4)	SRR1657068
<i>M. bovis</i> H2	(5)	ERR841904
<i>M. bovis</i> MbURU-001	(6)	LFGY01000000
<i>M. bovis</i> RK01	(7)	ERR125598
<i>M. bovis</i> RK06	(5)	ERR125603
<i>M. bovis</i> RK08	(7)	ERR125605
<i>M. bovis</i> RK12	(7)	ERR125608
<i>M. bovis</i> RK124	(5)	ERR841877
<i>M. bovis</i> RK125	(5)	ERR841874
<i>M. bovis</i> RK16	(7)	ERR125612
<i>M. bovis</i> RK17	(5)	ERR125613
<i>M. bovis</i> RK22	(7)	ERR125618
<i>M. bovis</i> RK25	(7)	ERR125621
<i>M. bovis</i> RK29	(7)	ERR125625
<i>M. bovis</i> RK30	(7)	ERR125626
<i>M. bovis</i> RK31	(7)	ERR125627
<i>M. bovis</i> RK32	(7)	ERR125628
<i>M. bovis</i> RK39	(5)	ERR841793
<i>M. bovis</i> RK72	(5)	ERR841815
<i>M. bovis</i> T17R	PRJEB2088 [#]	ERR016861
<i>M. bovis</i> T25R	PRJEB2088 [#]	ERR032132
<i>M. bovis</i> T35R	PRJEB2088 [#]	ERR032133
<i>M. canetti</i>	(1)	SRX002429
<i>M. caprae</i> D028	(8)	SRR650227
<i>M. caprae</i> D102	(8)	SRR650226
<i>M. caprae</i> RW044	(8)	SRR650219
<i>M. caprae</i> RW079	(8)	SRR650221
<i>M. orygis</i>	SRA EBI Animal	ERR015582
<i>M. pinnipedii</i> 7011	(8)	SRR1239340
<i>M. pinnipedii</i> 7739	(8)	SRR1239341
<i>M. pinnipedii</i> G01222	(8)	SRR1239336
<i>M. pinnipedii</i> G01491	(8)	SRR1239337

<i>M. pinnipedii</i> G01492	(8)	SRR1239338
<i>M. pinnipedii</i> G01498	(8)	SRR1239339
<i>M. suricattae</i>	(9)	ERP011110
<i>M. tuberculosis</i> 00_1695	(1)	SRX007716
<i>M. tuberculosis</i> 256	(10)	ERR181435
<i>M. tuberculosis</i> 4783_04	(1)	SRX007723
<i>M. tuberculosis</i> 91_0079	(1)	SRX007720
<i>M. tuberculosis</i> 95_0545	(1)	SRX007721
<i>M. tuberculosis</i> 98_1833	(1)	SRX007718
<i>M. tuberculosis</i> GM_1503	(1)	SRX012272
<i>M. tuberculosis</i> H37Rv	(2)	ERS153830
<i>M. tuberculosis</i> K21	(1)	SRX002001
<i>M. tuberculosis</i> K37	(1)	SRX002003
<i>M. tuberculosis</i> K49	(1)	SRX002002
<i>M. tuberculosis</i> K67	(1)	SRX002004
<i>M. tuberculosis</i> K93	(1)	SRX002005
<i>M. tuberculosis</i> M4100A	(1)	SRX007719
<i>M. tuberculosis</i> T17	(1)	SRX005394
<i>M. tuberculosis</i> T67	(1)	SRX007715
<i>M. tuberculosis</i> T85	(1)	SRX003590
<i>M. tuberculosis</i> T92	(1)	SRX003589

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PRJEB2088[#]Sanger Institute: Discovery of sequence diversity in *Mycobacterium bovis*. URL: <http://www.sanger.ac.uk/resources/downloads/bacteria/mycobacterium.html>

PRJEB5830^{\$}: *Mycobacterium bovis* study on samples from New Zealand, URL: <http://www.sanger.ac.uk/resources/downloads/bacteria/mycobacterium.html>