

Supplementary table 1. Representative sequences of the *ku* genotypes in each *Mycobacterium* species/variants.

Numbers	Species/variants	Accession	Locus tag	Amino acids	Beginning of position	End of position	Strain number with this genotype	Total genotype number	Total genome number
1	<i>M. abscessus</i>	NZ_FVYB01000028.1	B5072_RS24850	269	5117	5926	470	50	1376
2	<i>M. abscessus</i>	NZ_CP009616.1	NF90_18295	269	3724150	3724959	258		
3	<i>M. abscessus</i>	NZ_FSOT01000007.1	BUW87_RS17885	269	5134	5943	146		
4	<i>M. abscessus</i>	NZ_FSOJ01000010.1	BUU53_RS20280	269	19476	20285	62		
5	<i>M. abscessus</i>	NZ_FSQK01000008.1	BUV02_RS10600	269	5138	5947	56		
6	<i>M. abscessus</i>	NZ_AKUA01000005.1	MA5S0708_2077	269	5088	5897	55		
7	<i>M. abscessus</i>	NZ_CP014957.1	A3O02_05330	269	1080403	1081212	49		
8	<i>M. abscessus</i>	NZ_FVUH01000007.1	B5322_RS21745	269	105165	105974	37		
9	<i>M. abscessus</i>	NZ_FVXW01000006.1	B5471_RS09480	269	5133	5942	31		
10	<i>M. abscessus</i>	NZ_FVRY01000004.1	B5Y99_RS21495	269	121133	121942	23		
11	<i>M. abscessus</i>	NZ_FSEW01000004.1	BUW78_RS09630	269	106044	106853	21		
12	<i>M. abscessus</i>	NZ_FVDA01000001.1	B5519_RS01630	269	327157	327966	21		
13	<i>M. abscessus</i>	NZ_FVXY01000006.1	B5268_RS16860	269	5132	5941	20		
14	<i>M. abscessus</i>	NZ_CSUB01000008.1	AKY83_RS21895	269	94851	95660	13		
15	<i>M. abscessus</i>	NZ_FVWN01000016.1	B5382_RS23185	269	5136	5945	13		
16	<i>M. abscessus</i>	NZ_FVJY01000005.1	B5204_RS23635	269	375873	376682	10		
17	<i>M. abscessus</i>	NZ_AHAS01000006.1	MBOL_RS18050	269	84145	84954	9		
18	<i>M. abscessus</i>	NZ_FVBG01000001.1	B5408_RS03615	269	711085	711894	9		
19	<i>M. abscessus</i>	NZ_FSBV01000005.1	BUV30_RS10475	269	47054	47863	8		
20	<i>M. abscessus</i>	NZ_FVYW01000004.1	B5323_RS16835	269	443794	444603	8		
21	<i>M. abscessus</i>	NZ_FSCN01000005.1	BUV47_RS15315	269	324747	325556	7		
22	<i>M. abscessus</i>	NZ_FRZG01000004.1	BUT85_RS13140	269	373287	374096	4		
23	<i>M. abscessus</i>	NZ_FSKA01000001.1	BUV41_RS12785	269	2499339	2500148	4		
24	<i>M. abscessus</i>	NZ_FVCU01000001.1	B5116_RS05140	269	1040867	1041676	4		
25	<i>M. abscessus</i>	NZ_FVNM01000004.1	B5203_RS14890	269	438309	439118	4		
26	<i>M. abscessus</i>	NZ_CP014950.1	A3N95_04720	269	953230	954039	3		
27	<i>M. abscessus</i>	NZ_FSMR01000002.1	BUS48_RS12890	269	292086	292895	2		
28	<i>M. abscessus</i>	NZ_FSJJ01000003.1	BUT72_RS05210	269	6817	7626	2		
29	<i>M. abscessus</i>	NZ_FSPU01000007.1	BUU77_RS15545	269	5157	5966	2		
30	<i>M. abscessus</i>	NZ_FVDQ01000001.1	B5296_RS05540	269	1116933	1117742	2		
31	<i>M. abscessus</i>	NZ_FVMQ01000016.1	B5Z11_RS24400	269	28489	29298	2		
32	<i>M. abscessus</i>	NZ_FVNO01000005.1	SAMEA2070714_03418	269	62883	63692	2		
33	<i>M. abscessus</i>	NZ_FVVE01000004.1	B5Y72_RS12945	269	317747	318556	2		
34	<i>M. abscessus</i>	NC_021282.1	MASS_RS05400	269	1068765	1069574	1		
35	<i>M. abscessus</i>	NZ_AJLY02000015.1	UUG_RS05820	269	99890	100699	1		
36	<i>M. abscessus</i>	NZ_AJLZ01000003.1	UUM_RS0107755	269	257859	258668	1		
37	<i>M. abscessus</i>	NZ_CP012044.1	MAUC22_RS05900	269	1183422	1184231	1		
38	<i>M. abscessus</i>	NZ_FSAN01000003.1	BUV59_RS15685	269	33361	34170	1		
39	<i>M. abscessus</i>	NZ_FSCC01000006.1	BUT88_RS18635	269	244449	245258	1		

40	<i>M. abscessus</i>	NZ_FSLU01000002.1	SAMEA2275812_01380	269	384284	385093	1		
41	<i>M. abscessus</i>	NZ_FVFY01000002.1	B5149_RS09755	269	445292	446101	1		
42	<i>M. abscessus</i>	NZ_FVLE01000005.1	B5152_RS19150	269	457611	458420	1		
43	<i>M. abscessus</i>	NZ_FVNF01000013.1	B5Y47_RS23030	269	93803	94612	1		
44	<i>M. abscessus</i>	NZ_FVPZ01000001.1	B5168_RS02145	269	421984	422793	1		
45	<i>M. abscessus</i>	NZ_FVTC01000010.1	B5062_RS20040	269	93813	94622	1		
46	<i>M. abscessus</i>	NZ_FVVK01000002.1	B5046_RS12915	269	831980	832789	1		
47	<i>M. abscessus</i>	NZ_FVXU01000019.1	B5432_RS22280	269	50298	51107	1		
48	<i>M. abscessus</i>	NZ_FWCU01000005.1	B6F47_RS23485	269	326078	326887	1		
49	<i>M. abscessus</i>	NZ_HE817967.1	MABCF_RS18555	269	1051369	1052178	1		
50	<i>M. abscessus</i>	NZ_JMIA01000002.1	EG21_RS0105785	269	330101	330910	1		
51	<i>M. acapulcensis</i>	NZ_LT592223.1	BN8058_RS00740	318	143700	144656	1	1	1
52	<i>M. africanum</i>	CP010334.1	RN09_1148	273	1042099	1042920	28		
53	<i>M. africanum</i>	NZ_KK338758.1	CH83_00973	273	1042089	1042910	1	2	29
54	<i>M. algericum</i>	NZ_MVHC01000005.1	BST10_07700	296	232191	233081	1	1	1
55	<i>M. alsense</i>	NZ_MVHD01000046.1	BST11_20930	310	21673	22605	1	1	1
56	<i>M. angelicum</i>	NZ_MVHE01000038.1	BST12_19390	305	8582	9499	1	1	1
57	<i>M. aromaticivorans</i>	NZ_JALN02000001.1	Y900_008515	305	1738320	1739237	1	1	1
58	<i>M. arosiense</i>	NZ_MVHG01000014.1	BST14_08735	300	31985	32887	1	1	1
59	<i>M. arupense</i>	NZ_MVHH01000037.1	BST15_15410	288	3359	4225	2	1	2
60	<i>M. asiaticum</i>	NZ_MVHI01000005.1	BST16_05335	310	116755	117687	2		
61	<i>M. asiaticum</i>	NZ_LZKQ01000296.1	A9X01_04795	306	6391	7311	1		
62	<i>M. asiaticum</i>	NZ_LZKS01000175.1	A5661_10270	310	13270	14202	1		
63	<i>M. asiaticum</i>	NZ_LZLF01000166.1	A9W94_17300	310	2284	3216	1		
64	<i>M. asiaticum</i>	NZ_LZLM01000109.1	A5640_20875	310	7029	7961	1	9	10
65	<i>M. asiaticum</i>	NZ_LZLQ01000136.1	A5636_13390	316	22708	23658	1		
66	<i>M. asiaticum</i>	NZ_LZLR01000123.1	A5635_24415	310	8543	9475	1		
67	<i>M. asiaticum</i>	NZ_LZLS01000091.1	A5634_22185	268	11	817	1		
68	<i>M. asiaticum</i>	NZ_LZMH01000037.1	A5645_11040	310	33809	34741	1		
69	<i>M. aurum</i>	NZ_CVQQ01000008.1	AURUM_RS14190	300	141313	142215	1		
70	<i>M. aurum</i>	NZ_LT549889.1	BN4366_RS18130	310	3825250	3826182	1	2	2
71	<i>M. austroafricanum</i>	NZ_HG964452.1	BN976_RS13145	306	567884	568804	1	1	1
72	<i>M. avium</i>	NC_008595.1	MAV_1050	302	986287	987195	85		
73	<i>M. avium</i>	NZ_AGAR01000223.1	IQU_02120	302	654	1562	33		
74	<i>M. avium</i>	NZ_AYNT01000186.1	O982_17680	302	8389	9297	21		
75	<i>M. avium</i>	NZ_AFNS01000734.1	MAPCLIJ361_20635	302	8413	9321	3		
76	<i>M. avium</i>	NZ_BDMZ01000035.1	B9B21_RS09430	302	9078	9986	3		
77	<i>M. avium</i>	NZ_AYNQ01000562.1	O971_16840	302	8309	9217	2	11	152
78	<i>M. avium</i>	NC_002944.2	MAP0875c	302	898252	899160	1		
79	<i>M. avium</i>	NZ_AGAQ01000322.1	KEG_RS011364	291	4833	5708	1		
80	<i>M. avium</i>	NZ_BDOC01000060.1	B9C11_RS12035	302	34779	35687	1		
81	<i>M. avium</i>	NZ_JAOD01000007.1	I548_3734	309	620126	621055	1		
82	<i>M. avium</i>	NZ_LNBR01000001.1	A4U18_RS00280	302	64157	65065	1		

83	<i>M. bacteremicum</i>	NZ_MVHJ01000008.1	BST17_RS12055	313	146847	147788	1	1	1
84	<i>M. boenickei</i>	NZ_FUWC01000001.1	B2D00_RS13250	292	2740151	2741029	1	1	1
85	<i>M. bohemicum</i>	NZ_LQOK01000050.1	AWB93_00355	307	8637	9560	1	1	1
86	<i>M. bouchedurhonense</i>	NZ_MVHL01000009.1	BST19_08730	302	13179	14087	1	1	1
87	<i>M. bovis</i>	NZ_CP009449.1	LH58_05105	273	1039086	1039907	68		
88	<i>M. bovis</i>	NZ_AWPL01000022.1	O217_05120	273	75481	76302	1	3	70
89	<i>M. bovis</i>	NZ_KK308915.1	Z584_RS16600	273	20334	21155	1		
90	<i>M. branderi</i>	NZ_MVHM01000004.1	BST20_10495	306	137905	138825	1	1	1
91	<i>M. brisbanense</i>	NZ_BCSX01000007.1	RMCB_0550	312	66787	67725	1	1	1
92	<i>M. canariase</i>	NZ_BCSY01000087.1	RMCC_5622	302	51767	52675	2	1	2
93	<i>M. canettii</i>	NZ_CAOM01000084.1	QZ53_RS05005	273	30639	31460	3		
94	<i>M. canettii</i>	NZ_CAOL01000103.1	QZ38_RS05080	273	77842	78663	2		
95	<i>M. canettii</i>	NC_015848.1	MCAN_09371	273	1050440	1051261	1	6	9
96	<i>M. canettii</i>	NC_019951.1	BN42_20747	273	1081896	1082717	1		
97	<i>M. canettii</i>	NC_019952.1	BN45_20238	273	1091345	1092166	1		
98	<i>M. canettii</i>	NZ_CAON01000097.1	QZ52_RS05040	273	18282	19103	1		
99	<i>M. caprae</i>	NZ_CP016401.1	BBG46_05065	273	1068498	1069319	2	1	2
100	<i>M. celatum</i>	NZ_BBUN01000221.1	AWU83_RS13460	297	1430	2323	2	1	2
101	<i>M. celeriflavum</i>	NZ_MVHN01000010.1	BST21_11750	312	115150	116088	1	1	1
102	<i>M. chelonae</i>	NZ_MAF01000017.1	B4402_RS08030	269	14795	15604	18		
103	<i>M. chelonae</i>	NZ_MAEQ01000007.1	B4397_RS05725	269	54140	54949	5		
104	<i>M. chelonae</i>	NZ_LQON01000001.1	AWB96_00250	269	53874	54683	4		
105	<i>M. chelonae</i>	NZ_MAES01000025.1	B4392_RS22195	269	57994	58803	2		
106	<i>M. chelonae</i>	NZ_MLIJ01000019.1	BKG75_23920	269	1191620	1192429	2		
107	<i>M. chelonae</i>	NZ_MLIQ01000011.1	BKG82_07740	269	1119555	1120364	2		
108	<i>M. chelonae</i>	NZ_MLIT01000010.1	BKG85_06165	269	8471	9280	2		
109	<i>M. chelonae</i>	NZ_MAER01000004.1	B4381_RS00645	269	15415	16224	1	14	42
110	<i>M. chelonae</i>	NZ_MAEU01000003.1	B4395_RS01770	269	209888	210697	1		
111	<i>M. chelonae</i>	NZ_MLID01000009.1	BKG69_06425	269	556736	557545	1		
112	<i>M. chelonae</i>	NZ_MLIL01000002.1	BKG77_10945	269	1377661	1378470	1		
113	<i>M. chelonae</i>	NZ_MLIO01000015.1	BKG80_18305	269	309215	310024	1		
114	<i>M. chelonae</i>	NZ_MLIP01000001.1	BKG81_05305	269	1115610	1116419	1		
115	<i>M. chelonae</i>	NZ_MLIU01000028.1	BKG86_13365	269	2624009	2624818	1		
116	<i>M. chimaera</i>	NZ_CP012885.1	AN480_29475	309	1185597	1186526	9	1	9
117	<i>M. chlorophenolicum</i>	NZ_BCQY01000016.1	MCH01S_RS21410	308	135498	136424	2	1	2
118	<i>M. chubuense</i>	NC_018027.1	Mycch_4293	303	4504040	4504951	1	2	3
119	<i>M. chubuense</i>	NZ_JYNX01000058.1	MCHUDSM44219_04094	308	271935	272861	2		
120	<i>M. colombiense</i>	NZ_LZKX01000184.1	A9W93_17450	301	7080	7985	4		
121	<i>M. colombiense</i>	NZ_CP020821.1	B9D87_RS14325	301	3139443	3140348	2		
122	<i>M. colombiense</i>	NZ_LT719131.1	B0530_RS26775	301	1412802	1413707	1		
123	<i>M. colombiense</i>	NZ_LZJS01000128.1	A5685_08665	301	173767	174672	1		
124	<i>M. colombiense</i>	NZ_LZKI01000195.1	A5708_10825	301	64916	65821	1		
125	<i>M. colombiense</i>	NZ_LZKW01000132.1	A5623_13160	301	8273	9178	2	12	17

126	<i>M. colombiense</i>	NZ_LZMA01000075.1	A5653_18405	301	24993	25898	1		
127	<i>M. colombiense</i>	NZ_LZSX01000032.1	A5760_06090	301	190659	191564	1		
128	<i>M. colombiense</i>	NZ_MBEI01000061.1	A5732_20465	301	170149	171054	1		
129	<i>M. colombiense</i>	NZ_MBEN01000145.1	A5737_09820	301	62089	62994	1		
130	<i>M. colombiense</i>	NZ_MBEO01000119.1	A5738_13785	301	34791	35696	1		
131	<i>M. colombiense</i>	NZ_MBEP01000021.1	A5739_00870	301	197726	198631	1		
132	<i>M. conceptionense</i>	NZ_LZSK01000085.1	A5718_20395	294	17114	17998	5		
133	<i>M. conceptionense</i>	NZ_LZLN01000158.1	A5639_28845	294	36609	37493	3	4	11
134	<i>M. conceptionense</i>	NZ_MBGF01000133.1	A5743_19845	294	112136	113020	2		
135	<i>M. conceptionense</i>	NZ_LFOD01000002.1	ACT17_04690	294	299500	300384	1		
136	<i>M. confluentis</i>	NZ_LQOQ01000041.1	AWB99_24945	315	200192	201139	1	1	1
137	<i>M. conspicuum</i>	NZ_LQOR01000049.1	AWC00_22115	296	74555	75445	1	1	1
138	<i>M. cosmeticum</i>	NZ_CCBB01000001.1	BN977_01905	296	1961754	1962644	1	1	1
139	<i>M. diernhoferi</i>	NZ_MPNS01000025.1	BRW64_26560	300	28733	29635	2	1	2
140	<i>M. decipiens</i>	GCA_002104675.1	B8W66_10645	273	16705	17523	1	1	1
141	<i>M. doricum</i>	NZ_LQOS01000011.1	AWC01_02805	311	9751	10686	1	1	1
142	<i>M. elephantis</i>	NZ_LBNO01000001.1	AAV95_00340	312	69108	70046	2	1	2
143	<i>M. engbaekii</i>	NZ_LQOT01000030.1	AWC02_08820	292	91381	92259	1	1	1
144	<i>M. europaeum</i>	NZ_LQOU01000064.1	AWC03_24835	302	100832	101740	1	1	1
145	<i>M. fallax</i>	NZ_LQOJ01000048.1	AWC04_14755	268	48834	49640	1	1	1
146	<i>M. farcinogenes</i>	NZ_HG964482.1	BN975_04437	294	1717663	1718547	1	1	1
147	<i>M. flavescens</i>	NZ_MIHA01000017.1	BHQ18_21150	324	98502	99476	1	1	1
148	<i>M. florentinum</i>	NZ_LQOV01000003.1	AWC05_09425	291	204682	205557	1	1	1
149	<i>M. fortuitum</i>	NZ_LZSS01000144.1	A5755_18530	301	8058	8963	4		
150	<i>M. fortuitum</i>	NZ_LZIP01000103.1	A5768_06090	301	107496	108401	3		
151	<i>M. fortuitum</i>	NZ_LZIV01000116.1	A5670_08820	301	32627	33532	3		
152	<i>M. fortuitum</i>	NZ_BCSZ01000064.1	RMCF_A_5969	301	224607	225512	1		
153	<i>M. fortuitum</i>	NZ_CP011269.1	XA26_13230	301	1367699	1368604	1		
154	<i>M. fortuitum</i>	NZ_JASW01000043.1	BI85_RS0118815	269	134440	135249	1		
155	<i>M. fortuitum</i>	NZ_LZIW01000116.1	A5669_02510	301	27639	28544	1	13	20
156	<i>M. fortuitum</i>	NZ_LZKO01000134.1	A5664_00585	301	76217	77122	1		
157	<i>M. fortuitum</i>	NZ_LZLO01000023.1	A5638_02240	301	235662	236567	1		
158	<i>M. fortuitum</i>	NZ_LZLP01000083.1	A5637_01720	301	241035	241940	1		
159	<i>M. fortuitum</i>	NZ_LZLZ01000011.1	A5654_09405	301	27383	28288	1		
160	<i>M. fortuitum</i>	NZ_MBEO01000074.1	A5734_29910	301	29472	30377	1		
161	<i>M. fortuitum</i>	NZ_MBER01000154.1	A5742_10670	301	6624	7529	1		
162	<i>M. fragae</i>	NZ_LQOW01000006.1	AWC06_09050	310	139116	140048	1	1	1
163	<i>M. franklinii</i>	NZ_MAFQ01000006.1	B4393_RS10100	269	53531	54340	2		
164	<i>M. franklinii</i>	NZ_MAFS01000007.1	B4388_RS08660	269	217395	218204	2	3	5
165	<i>M. franklinii</i>	NZ_MLIK01000004.1	BKG76_05030	269	917911	918720	1		
166	<i>M. gastri</i>	NZ_LQOX01000090.1	AWC07_05015	291	24712	25587	2	1	2
167	<i>M. genavense</i>	NZ_JAGZ01000004.1	T428_RS0111915	286	330576	331436	1	1	1
168	<i>M. gilvum</i>	NC_009338.1	Mflv_1826	328	1895574	1896560	1	2	2

169	<i>M. gilvum</i>	NC_014814.1	Mspyr1_12260	319	1247141	1248127	1	4	4
170	<i>M. goodii</i>	NZ_CP012150.1	AFA91_12775	316	2707452	2708402	1	1	1
171	<i>M. gordonae</i>	NZ_MIHG01000025.1	BHQ23_07820	308	5963	6889	2		
172	<i>M. gordonae</i>	NZ_LKTM01000363.1	AO501_04605	313	14388	15329	1		
173	<i>M. gordonae</i>	NZ_LZLK01000165.1	A9W97_25780	318	20815	21771	1	5	6
174	<i>M. gordonae</i>	NZ_LZLX01000331.1	A5656_06880	313	31076	32017	1		
175	<i>M. gordonae</i>	NZ_MAEM01000496.1	A9W98_33470	308	538	1464	1		
176	<i>M. haemophilum</i>	NZ_LDPQ01000005.1	ABH39_06585	285	70076	70933	4	2	5
177	<i>M. haemophilum</i>	NZ_CP011883.2	B586_06185	293	3449057	3449938	1		
178	<i>M. hassiacum</i>	NZ_AMRA01000097.1	C731_3536	318	17695	18651	2	1	1
179	<i>M. heckeshornense</i>	NZ_LFOF01000003.1	ACT16_03095	304	74356	75270	1	2	2
180	<i>M. heckeshornense</i>	NZ_MPJF01000011.1	BMW24_05110	309	10537	11466	1		
181	<i>M. heidelbergense</i>	NZ_MVHR01000051.1	BST25_21695	294	18693	19577	1	1	1
182	<i>M. heraklionense</i>	NZ_LDPO01000001.1	ABW16_02365	291	480459	481334	1		
183	<i>M. heraklionense</i>	NZ_LZIU01000014.1	A5671_12590	293	4847	5728	1		
184	<i>M. heraklionense</i>	NZ_LZKB01000133.1	A5715_02990	297	3594	4487	1	6	6
185	<i>M. heraklionense</i>	NZ_LZLB01000035.1	A5631_08640	293	4831	5712	1		
186	<i>M. heraklionense</i>	NZ_LZME01000025.1	A5649_15715	288	4477	5343	1		
187	<i>M. heraklionense</i>	NZ_MBEL01000117.1	A5735_16425	292	33766	34644	1		
188	<i>M. hiberniae</i>	NZ_LQOZ01000020.1	AWC09_08850	301	223329	224234	1	1	1
189	<i>M. holsaticum</i>	NZ_MIGZ01000018.1	BHQ17_04975	311	14502	15437	1	1	1
190	<i>M. houstonense</i>	NZ_LT546207.1	BN4332_RS15235	298	3020937	3021833	1	1	1
191	<i>M. icosiumassiliensis</i>	NZ_LT546166.1	BN4346_RS25975	293	486624	487505	1	1	1
192	<i>M. immunogenum</i>	NZ_CP011530.1	ABG82_05475	269	1101689	1102498	16		
193	<i>M. immunogenum</i>	NZ_LQYE01000031.1	AWB85_15235	269	105681	106490	1	2	17
194	<i>M. indicus pranii</i>	NC_018612.1	MIP_01541	309	1082961	1083890	1	1	1
195	<i>M. insubricum</i>	NZ_MVHS01000026.1	BST26_12015	267	16476	17279	1	1	1
196	<i>M. interjectum</i>	NZ_FJVQ01000140.1	BN4348_RS19850	306	68339	69259	1	2	2
197	<i>M. interjectum</i>	NZ_LQPB01000071.1	AWC11_01725	306	7280	8200	1		
198	<i>M. intermedium</i>	NZ_MVHT01000072.1	BST27_22015	298	25391	26287	3	1	3
199	<i>M. intracellulare</i>	NC_016946.1	OCU_09270	309	909953	910882	3		
200	<i>M. intracellulare</i>	NZ_BAGQ01000088.1	MI198_RS15325	309	38812	39741	2		
201	<i>M. intracellulare</i>	NC_016948.1	OCQ_09360	309	923742	924671	1		
202	<i>M. intracellulare</i>	NZ_ABIN01000048.1	MIA_RS05470	309	9938	10867	1	8	11
203	<i>M. intracellulare</i>	NZ_JAOM01000005.1	RT24_RS05375	258	221434	222210	1		
204	<i>M. intracellulare</i>	NZ_JAON01000035.1	L842_1073	309	242161	243090	1		
205	<i>M. intracellulare</i>	NZ_LZJO01000123.1	A5690_03855	309	24367	25296	1		
206	<i>M. intracellulare</i>	NZ_LZJT01000143.1	A5684_14260	309	21681	22610	1		
207	<i>M. iranikum</i>	NZ_AUWT01000034.1	N420_RS0117575	316	12639	13589	1		
208	<i>M. iranikum</i>	NZ_LQPC01000015.1	AWC12_03840	316	62522	63472	1	3	3
209	<i>M. iranikum</i>	NZ_LWCS01000023.1	A4X20_20560	317	75429	76382	1		
210	<i>M. kansasii</i>	NZ_JNDJ01000152.1	MKSMC1_52900	296	11333	12223	13		
211	<i>M. kansasii</i>	NZ_CP019883.1	B1T43_20020	296	4382751	4383641	1		

212	<i>M. kansasii</i>	NZ_JANZ01000004.1	I546_3192	296	373358	374248	2		
213	<i>M. kansasii</i>	NZ_LWCH01000070.1	A4G26_24955	301	2431	3336	1	8	21
214	<i>M. kansasii</i>	NZ_LWCI01000107.1	A4G28_08660	296	41625	42515	1		
215	<i>M. kansasii</i>	NZ_LWCK01000141.1	A4G29_08800	301	24261	25166	1		
216	<i>M. kansasii</i>	NZ_LWCM01000142.1	A4G31_08315	296	4582	5472	1		
217	<i>M. kansasii</i>	NZ_MVBN01000002.1	BZL29_2910	345	1026684	1027550	1		
218	<i>M. koreense</i>	NZ_NCXO01000015.1	B8W67_08910	297	58447	59340	1	1	1
219	<i>M. kubicae</i>	NZ_LQPD01000001.1	AWC13_00150	311	29089	30027	1	1	1
220	<i>M. kumamotonense</i>	NZ_LFOE01000001.1	ACT18_01630	291	286657	287532	2	1	2
221	<i>M. kyorinense</i>	NZ_BBKA01000018.1	TY31_RS03760	306	46061	46981	2		
222	<i>M. kyorinense</i>	NZ_LQPE01000085.1	AWC14_26805	306	16508	17428	1	3	4
223	<i>M. kyorinense</i>	NZ_LZKJ01000049.1	A5707_14820	306	55946	56866	1		
224	<i>M. lacus</i>	NZ_LQPF01000086.1	AWC15_21620	295	18307	19197	1	1	1
225	<i>M. leprae</i>	NC_011896.1	MLBR_RS10555	#VALUE!	2488109	2488862	4	1	4
226	<i>M. lepromatosis</i>	NZ_JRPY01000090.1	MLPM_RS10540	#VALUE!	7118	7974	1	1	1
227	<i>M. liflandii</i>	NC_020133.1	MULP_04792	291	5221008	5221883	1	1	1
228	<i>M. litorale</i>	NZ_CP019882.1	B1R94_23505	307	4950037	4950960	1	1	1
229	<i>M. llatzerense</i>	NZ_JXST01000001.1	TL10_RS00705	264	140569	141363	1	2	2
230	<i>M. llatzerense</i>	NZ_LIPZ01000016.1	BMI94_RS09490	264	32454	33248	1		
231	<i>M. longobardum</i>	NZ_LQPG01000008.1	AWC16_04595	288	72851	73717	1	1	1
232	<i>M. mageritense</i>	NZ_AGSZ01000485.1	MFOR_22840	294	2765	3649	1		
233	<i>M. mageritense</i>	NZ_CCBF010000001.1	BN978_04259	304	4366810	4367724	1	2	2
234	<i>M. malmoense</i>	NZ_MBEA01000230.1	A5674_05745	302	13088	13996	1		
235	<i>M. malmoense</i>	NZ_MBEB01000153.1	A9X02_11810	312	56285	57223	1		
236	<i>M. malmoense</i>	NZ_MBEC01000104.1	A5675_17775	302	8280	9188	1		
237	<i>M. malmoense</i>	NZ_MBED01000126.1	A5676_24675	302	115149	116057	1	7	7
238	<i>M. malmoense</i>	NZ_MBEE01000079.1	A5677_02250	302	183300	184208	1		
239	<i>M. malmoense</i>	NZ_MOWS01000083.1	BMG05_10105	295	38102	38989	1		
240	<i>M. malmoense</i>	NZ_MVHV01000020.1	BST29_18125	295	36578	37411	1		
241	<i>M. mantenii</i>	NZ_MVHW01000022.1	BST30_18185	301	21471	22376	1	1	1
242	<i>M. marinum</i>	NZ_ANPL01000002.1	MMEU_1727	291	246738	247613	2		
243	<i>M. marinum</i>	NC_010612.1	MMAR_4575	291	5614231	5615106	1	3	4
244	<i>M. marinum</i>	NZ_ANPM01000001.1	MMMB2_2935	291	3373280	3374155	1		
245	<i>M. marseillense</i>	NZ_MVHX01000013.1	BST31_11190	304	60104	61018	1	1	1
246	<i>M. microti</i>	CP010333.1	RN08_1045	273	1048507	1049328	1	1	1
247	<i>M. minnesotense</i>	NZ_MVHZ01000015.1	BST33_14090	288	103152	104018	1	1	1
248	<i>M. monacense</i>	NZ_MVIA01000011.1	BST34_11870	316	11602	12552	1	1	1
249	<i>M. moriokaense</i>	NZ_MVIB01000001.1	BST36_01090	307	225039	225962	1	1	1
250	<i>M. mucogenicum</i>	NZ_LSKL01000154.1	AX749_RS06970	279	27341	28180	2		
251	<i>M. mucogenicum</i>	NZ_LZLC01000055.1	A5630_15865	278	9475	10311	2	3	5
252	<i>M. mucogenicum</i>	NZ_CYSI01000007.1	BN2644_RS10735	277	2135842	2136675	1		
253	<i>M. mungi</i>	NZ_LXTB01000055.1	A7J32_07740	273	45089	45910	1	1	1
254	<i>M. nebraskense</i>	NZ_LQPH01000037.1	AWC17_25590	297	64067	64960	3	1	1

255	<i>M. neoaurum</i>	NZ_LQMX01000004.1	AVZ31_06500	309	121880	122809	3		
256	<i>M. neoaurum</i>	NZ_JMDW01000003.1	IC40_RS0103340	309	313493	314422	2	2	5
257	<i>M. nonchromogenicum</i>	NZ_LQPI01000087.1	AWC18_19855	292	7374	8252	1	1	1
258	<i>M. noviomagense</i>	NZ_MVIC01000010.1	BST37_08040	309	16448	17377	1		
259	<i>M. novocastrense</i>	NZ_BCTA01000099.1	RMCN_5950	320	81866	82828	1	2	2
260	<i>M. obuense</i>	NZ_LAUZ02000003.1	WN67_17740	317	17135	18088	1		
261	<i>M. obuense</i>	NZ_JYNU01000020.1	MOBUDSM44075_03443	317	58259	59212	1	2	2
262	<i>M. orygis</i>	NZ_APKD01000011.1	MORY_05401	273	84773	85594	1	1	1
263	<i>M. palustre</i>	NZ_LQPJ01000099.1	AWC19_08150	312	66036	66974	1	1	1
264	<i>M. paraense</i>	NZ_LQPK01000040.1	AWB91_26940	306	7958	8878	2		
265	<i>M. paraense</i>	NZ_LQPM01000019.1	AWB89_19435	306	72026	72946	1	3	4
266	<i>M. paraense</i>	NZ_LQPN01000072.1	AWB90_24295	306	209177	210097	1		
267	<i>M. paraffinicum</i>	NZ_MPNT01000001.1	BRW65_00370	302	86886	87794	1	1	1
268	<i>M. parafortuitum</i>	NZ_MVID01000016.1	BST38_17670	321	118025	118990	1	1	1
269	<i>M. paraintracellulare</i>	NZ_NCXN01000007.1	B8W68_07605	309	57293	58222	1	1	1
270	<i>M. parascrofulaceum</i>	NZ_GG770554.1	HMPREF0591_4750	312	334481	335419	1	1	1
271	<i>M. paraseoulense</i>	NZ_MVIE01000001.1	BST39_00680	297	152042	152935	1	1	1
272	<i>M. parmense</i>	NZ_LQPO01000035.1	AWC20_15670	302	158813	159721	1	1	1
273	<i>M. peregrinum</i>	NZ_LQPP01000042.1	AWC21_23415	297	21249	22142	2		
274	<i>M. peregrinum</i>	NZ_LZIB01000029.1	A5719_16475	297	388622	389515	1		
275	<i>M. peregrinum</i>	NZ_LZSO01000016.1	A5792_16365	297	12966	13859	1	4	5
276	<i>M. peregrinum</i>	NZ_LZSY01000187.1	A5779_10595	297	13456	14349	1		
277	<i>M. phlei</i>	NZ_ATHW01000044.1	MPHL43070_17445	300	42071	42973	6	1	6
278	<i>M. pinnipedii</i>	NZ_PYQH00000000.2	C9J59_005360	273	76212	77033	2	1	2
279	<i>M. porcinum</i>	NZ_MIHF01000134.1	BHQ19_19440	292	13690	14568	1		
280	<i>M. porcinum</i>	NZ_MSTD01000001.1	BVU76_01470	291	277147	278022	1	3	3
281	<i>M. porcinum</i>	NZ_MVIG01000003.1	BST41_07320	292	176038	176916	1		
282	<i>M. pseudoshottsii</i>	NZ_BCND01000075.1	MPS_4136	291	17004	17879	1	1	1
283	<i>M. rhodesiae</i>	NC_016604.1	MycrhN_3276	307	3275104	3276027	1		
284	<i>M. rhodesiae</i>	NZ_AGIQ01000001.1	MycrhDRAFT_0595	298	579995	580891	1	3	3
285	<i>M. rhodesiae</i>	NZ_MVIH01000004.1	BST42_10075	305	65992	66909	1		
286	<i>M. riyadhense</i>	NZ_LQPQ01000232.1	AWC22_05145	291	17376	18251	1	1	1
287	<i>M. rutilum</i>	NZ_LT629971.1	BLW81_RS12125	312	2468862	2469800	1	1	1
288	<i>M. salmoniphilum</i>	NZ_MAFE01000012.1	B4387_RS23720	269	54614	55423	1		
289	<i>M. salmoniphilum</i>	NZ_MAFR01000055.1	B4385_RS22350	269	9811	10620	1	2	2
290	<i>M. saopaulense</i>	NZ_MLIH01000036.1	BKG73_24695	269	188155	188964	2		
291	<i>M. saopaulense</i>	NZ_MVII01000014.1	BST43_12430	269	67105	67914	1	2	3
292	<i>M. saskatchewanense</i>	NZ_LQPR01000030.1	AWC23_14415	312	80235	81173	1	1	1
293	<i>M. scrofulaceum</i>	NZ_LZJW01000109.1	A5681_04615	302	28111	29019	1		
294	<i>M. scrofulaceum</i>	NZ_LZJY01000154.1	A5679_13865	302	21319	22227	1	3	3
295	<i>M. scrofulaceum</i>	NZ_MVII01000037.1	BST44_20875	302	14563	15471	1		
296	<i>M. senegalense</i>	NZ_LDCC01000015.1	AA982_17835	294	44226	45110	2	1	2
297	<i>M. senuense</i>	NZ_LQPS01000038.1	AWC24_13870	290	11743	12615	1	1	1

298	<i>M. septicum</i>	NZ_HG322952.1	TX88_RS23025	297	637324	638217	1	1	1
299	<i>M. setense</i>	NZ_JTJW01000010.1	QQ25_25720	297	93890	94783	1		
300	<i>M. setense</i>	NZ_JTLZ01000010.1	QQ44_21925	297	96980	97873	1	2	2
301	<i>M. sherrisii</i>	NZ_LQPT01000019.1	AWC25_21425	305	127905	128822	1		
302	<i>M. sherrisii</i>	NZ_MIHC01000001.1	BHQ21_01225	305	238568	239485	1	2	2
303	<i>M. shimoidei</i>	NZ_LQPU01000033.1	AWC26_14910	303	119734	120645	2	1	2
304	<i>M. shinjukuense</i>	NZ_MVIK01000079.1	BST45_19025	285	664	1521	1	1	1
305	<i>M. simiae</i>	NZ_CP010996.1	VC42_09630	317	2125891	2126844	1		
306	<i>M. simiae</i>	NZ_HG315953.1	TY06_RS09920	311	2155416	2156351	1	3	3
307	<i>M. simiae</i>	NZ_MZZM01000013.1	B5M45_07330	317	25093	26046	1		
308	<i>M. sinense</i>	NZ_LZKG01000093.1	A5710_22565	291	12584	13459	2		
309	<i>M. sinense</i>	NC_015576.1	JDM601_RS04445	296	946711	947601	1		
310	<i>M. sinense</i>	NZ_LZIM01000080.1	A5772_11370	301	83993	84898	2	4	6
311	<i>M. sinense</i>	NZ_LZMF01000126.1	A5648_09720	301	172446	173351	1		
312	<i>M. smegmatis</i>	NC_018289.1	MSMEI_5431	328	5670583	5671569	6		
313	<i>M. smegmatis</i>	NZ_CM001762.1	D806_5651	327	5749283	5750266	1	8	8
314	<i>M. smegmatis</i>	NZ_LN831039.1	ERS451418_05406	318	5674803	5675789	1		
315	<i>M. szulgai</i>	NZ_LQPW01000143.1	AWC27_07370	305	54390	55307	1		
316	<i>M. szulgai</i>	NZ_LZHY01000027.1	A5725_16400	312	153422	154360	1	3	3
317	<i>M. szulgai</i>	NZ_LZLW01000006.1	A5657_09495	312	960	1898	1		
318	<i>M. terrae</i>	NZ_LQPX01000045.1	AWC28_05745	296	315411	316301	1	1	1
319	<i>M. thermoresistibile</i>	NZ_BCTB01000009.1	RMCT_1700	309	302180	303109	2	1	2
320	<i>M. timonense</i>	NZ_MVIL01000001.1	BST46_RS00270	302	53580	54488	1	1	1
321	<i>M. triplex</i>	NZ_LQPY01000007.1	AWC29_06835	301	25389	26294	2	1	2
322	<i>M. triviale</i>	NZ_LQPZ01000017.1	AWC30_07580	275	49497	50324	1		
323	<i>M. triviale</i>	NZ_MIHD01000004.1	BHQ15_04395	289	107866	108735	1	2	2
324	<i>M. tuberculosis</i>	NC_000962.3	Rv0937c	273	1045199	1046020	5149		
325	<i>M. tuberculosis</i>	NZ_MQGD01000001.1	BOK91_RS05095	273	1047275	1048096	19		
326	<i>M. tuberculosis</i>	NZ_CM002074.1	M536_RS05175	273	1044848	1045669	9		
327	<i>M. tuberculosis</i>	NZ_FQBJ01000009.1	BT513_RS09790	273	18087	18908	6		
328	<i>M. tuberculosis</i>	NZ_CNEA01000008.1	AQ354_RS04675	273	18084	18905	5		
329	<i>M. tuberculosis</i>	NZ_KK356234.1	X108_00981	273	1052245	1053066	5		
330	<i>M. tuberculosis</i>	NZ_MMKQ01000002.1	BKS87_RS04920	273	704575	705396	5		
331	<i>M. tuberculosis</i>	NZ_KK331459.1	AO61_01234	273	137112	137933	4		
332	<i>M. tuberculosis</i>	NZ_KK337822.1	AP53_01250	273	123553	124374	4		
333	<i>M. tuberculosis</i>	NZ_CHIK01000012.1	AP747_RS07780	273	18084	18905	3		
334	<i>M. tuberculosis</i>	NZ_CNBV01000010.1	AYV50_RS03955	273	18083	18904	3		
335	<i>M. tuberculosis</i>	NZ_KK334477.1	AP04_RS06975	273	184632	185453	2		
336	<i>M. tuberculosis</i>	NZ_KK341749.1	V913_00977	273	1043931	1044752	2		
337	<i>M. tuberculosis</i>	NZ_MRGJ01000001.1	BS216_RS05095	273	1046259	1047080	2		
338	<i>M. tuberculosis</i>	NZ_AHHY010000763.1	MW9_RS20605	273	10816	11637	1		
339	<i>M. tuberculosis</i>	NZ_CHIV01000004.1	AQV47_RS04475	273	48133	48954	1		
340	<i>M. tuberculosis</i>	NZ_CHYH01000002.1	AP664_RS02795	273	204366	205187	1		

341	<i>M. tuberculosis</i>	NZ_CNBB01000010.1	AQ387_RS06380	273	76176	76997	1		
342	<i>M. tuberculosis</i>	NZ_CNBI01000012.1	AQ374_RS06865	273	18083	18904	1		
343	<i>M. tuberculosis</i>	NZ_CNBBQ01000014.1	AQ273_RS07910	273	18083	18904	1	39	5243
344	<i>M. tuberculosis</i>	NZ_CNBR01000007.1	AQ247_RS04335	273	75408	76229	1		
345	<i>M. tuberculosis</i>	NZ_CNFM01000009.1	AQ320_RS05575	273	18084	18905	1		
346	<i>M. tuberculosis</i>	NZ_CNGA01000013.1	AQ151_RS07140	273	18083	18904	1		
347	<i>M. tuberculosis</i>	NZ_CNGF01000014.1	AQ142_RS07950	159	18087	18569	1		
348	<i>M. tuberculosis</i>	NZ_CNGO01000030.1	AQ079_RS10620	273	24091	24912	1		
349	<i>M. tuberculosis</i>	NZ_COQK01000010.1	AQ417_RS08730	273	51246	52067	1		
350	<i>M. tuberculosis</i>	NZ_COTU01000008.1	AQV06_RS06700	273	48185	49006	1		
351	<i>M. tuberculosis</i>	NZ_CP011510.1	TM57_RS10800	273	2295612	2296433	1		
352	<i>M. tuberculosis</i>	NZ_CQBD01000010.1	AD435_RS09635	273	49422	50243	1		
353	<i>M. tuberculosis</i>	NZ_CQSD01000006.1	AFA22_RS03640	273	80296	81117	1		
354	<i>M. tuberculosis</i>	NZ_FQAF01000012.1	BT291_RS12160	273	112958	113779	1		
355	<i>M. tuberculosis</i>	NZ_FUFS01000005.1	B1K90_RS02725	273	75532	76353	1		
356	<i>M. tuberculosis</i>	NZ_KK328322.1	K882_06632	273	2915251	2916072	1		
357	<i>M. tuberculosis</i>	NZ_KK336380.1	AP31_RS12620	273	137663	138484	1		
358	<i>M. tuberculosis</i>	NZ_KK339452.1	Q637_00981	273	1055427	1056248	1		
359	<i>M. tuberculosis</i>	NZ_KK353506.1	P923_02946	273	155420	156241	1		
360	<i>M. tuberculosis</i>	NZ_KK357796.1	X339_00690	273	713017	713838	1		
361	<i>M. tuberculosis</i>	NZ_KL405155.1	AL57_RS08550	273	113102	113923	1		
362	<i>M. tuberculosis</i>	NZ_MQH01000004.1	BOL62_RS05110	273	206178	206999	1		
363	<i>M. tusciae</i>	NZ_KI912270.1	MYCTUDRAFT_RS0205730	308	741371	742297	1		
364	<i>M. tusciae</i>	NZ_MVIM01000021.1	BST47_26875	305	88400	89317	1	2	2
365	<i>M. ulcerans</i>	NZ_MDUB01000121.1	A3649_20650	291	22969	23844	1	1	1
366	<i>M. vaccae</i>	NZ_BCRS01000191.1	MVA01S_RS26025	333	5151	6152	3	1	3
367	<i>M. vanbaalenii</i>	NC_008726.1	Mvan_4917	306	5268248	5269168	1	1	1
368	<i>M. vulneris</i>	NZ_MBEG01000085.1	A5722_29385	292	80795	81673	2		
369	<i>M. vulneris</i>	NZ_CCBG010000002.1	BN979_04906	292	1523810	1524409	1		
370	<i>M. vulneris</i>	NZ_MBDY01000095.1	A5717_31105	292	1506	2384	1	5	6
371	<i>M. vulneris</i>	NZ_MBEF01000046.1	A5721_11540	292	156295	157173	1		
372	<i>M. vulneris</i>	NZ_NCXM01000009.1	B8W69_10360	301	9964	10869	1		
373	<i>M. wolinskyi</i>	NZ_LGTW01000002.1	AFM11_03235	297	55609	56502	1	2	2
374	<i>M. wolinskyi</i>	NZ_LQQA01000010.1	AWC31_21850	297	420970	421863	1		
375	<i>M. xenopi</i>	NZ_AJFI01000095.1	MXEN_19119	309	207426	208355	1	2	2
376	<i>M. xenopi</i>	NZ_LQQB01000078.1	AWC32_03585	309	2501	3430	1		
377	<i>M. yongonense</i>	CP003347.1	OEM_09400	309	916154	917083	2		
378	<i>M. yongonense</i>	NZ_MBDX01000215.1	A5644_25960	309	15150	16079	1	3	4
379	<i>M. yongonense</i>	NZ_MBDZ01000039.1	A5689_11890	309	46595	47524	1		