

Supplementary Table 1 - Variants found for RG74 clinical isolate.

Strain	Chromosome	Position	Reference allele	Mutated allele	Affected ORF	Type	Impact	Codon Change	Mutation
RG74	AL123456_3	1977	A	G	none	SNP	INTERGENIC		
RG74	AL123456_3	4013	T	C	Rv0003	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I245T
RG74	AL123456_3	7362	G	C	Rv0006	SNP	NON_SYNONYMOUS_CODING	Gag/Cag	E21Q
RG74	AL123456_3	7585	G	C	Rv0006	SNP	NON_SYNONYMOUS_CODING	aGc/aCc	S95T
RG74	AL123456_3	8040	G	A	Rv0006	SNP	NON_SYNONYMOUS_CODING	Ggc/Agc	G247S
RG74	AL123456_3	9304	G	A	Rv0006	SNP	NON_SYNONYMOUS_CODING	ggC/gAc	G668D
RG74	AL123456_3	11879	A	G	Rv0008c	SNP	NON_SYNONYMOUS_CODING	Tcc/Ccc	S145P
RG74	AL123456_3	14251	G	A	Rv0012	SNP	NON_SYNONYMOUS_CODING	Gat/Aat	D55N
RG74	AL123456_3	14785	T	C	Rv0012	SNP	NON_SYNONYMOUS_CODING	Tgc/Cgc	C233R
RG74	AL123456_3	17608	G	C	Rv0015c	SNP	NON_SYNONYMOUS_CODING	agC/agG	S385R
RG74	AL123456_3	21795	G	A	Rv0018c	SNP	NON_SYNONYMOUS_CODING	Ccg/Tcg	P463S
RG74	AL123456_3	26959	C	G	none	SNP	INTERGENIC		
RG74	AL123456_3	30754	A	G	Rv0026	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K345E
RG74	AL123456_3	33457	C	T	Rv0030	SNP	SYNONYMOUS_CODING	caC/caT	H78
RG74	AL123456_3	33551	T	G	Rv0030	SNP	STOP_LOST	Tga/Gga	*110G
RG74	AL123456_3	34044	T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	36470	GCCCCCCC	GCCCCCCC	Rv0032	INDEL	FRAME_SHIFT	-/C	-728?
RG74	AL123456_3	37031	C	G	Rv0034	SNP	SYNONYMOUS_CODING	gcC/gcG	A55
RG74	AL123456_3	37763	G	C	Rv0035	SNP	NON_SYNONYMOUS_CODING	Gac/Cac	D169H
RG74	AL123456_3	42967	G	C	Rv0040c	SNP	SYNONYMOUS_CODING	ccC/ccG	P133
RG74	AL123456_3	55553	C	T	Rv0050	SNP	NON_SYNONYMOUS_CODING	Ccg/Tcg	P631S
RG74	AL123456_3	62049	A	G	Rv0058	SNP	NON_SYNONYMOUS_CODING	Agg/Ggg	R552G
RG74	AL123456_3	63771	C	T	Rv0059	SNP	NON_SYNONYMOUS_CODING	cGc/cTg	P191L
RG74	AL123456_3	69989	G	A	Rv0064	SNP	NON_SYNONYMOUS_CODING	gGt/gAt	G457D
RG74	AL123456_3	70816	A	G	Rv0064	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N733D
RG74	AL123456_3	71336	G	C	Rv0064	SNP	NON_SYNONYMOUS_CODING	cGc/cCc	R906P
RG74	AL123456_3	71585	CG	CGAG	none	INDEL	INTERGENIC		
RG74	AL123456_3	74059	C	T	Rv0066c	SNP	SYNONYMOUS_CODING	aaG/aaA	K151
RG74	AL123456_3	75940	G	C	Rv0068	SNP	NON_SYNONYMOUS_CODING	Gtg/Ctg	V214L
			TCGGTGGACCCGGTGGACC		TCGGTGGACCCGGTGGACCCG				
			CGGTGGACCCGGTGGACCC		GTGGACCCGGTGGACCCGGTGG				
RG74	AL123456_3	79504	GTTGGACCCGGTGGAC	GAC	Rv0071	INDEL	CODON_DELETION	ccgtggac/-	PVD22-
RG74	AL123456_3	80616	C	G	none	SNP	INTERGENIC		
RG74	AL123456_3	92199	T	G	Rv0083	SNP	SYNONYMOUS_CODING	acT/acG	T600
RG74	AL123456_3	104941	T	C	Rv0095c	SNP	NON_SYNONYMOUS_CODING	cAg/cGg	Q92R
RG74	AL123456_3	104944	G	A	Rv0095c	SNP	NON_SYNONYMOUS_CODING	GcC/gTc	A91V
RG74	AL123456_3	104962	G	A	Rv0095c	SNP	NON_SYNONYMOUS_CODING	gCc/gTg	A85V
RG74	AL123456_3	105045	G	C	Rv0095c	SNP	NON_SYNONYMOUS_CODING	gaC/gaG	D57E
RG74	AL123456_3	116000	T	G	Rv0101	SNP	SYNONYMOUS_CODING	gtT/gtG	V2000
RG74	AL123456_3	117352	C	T	Rv0101	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A2451V
RG74	AL123456_3	122109	A	G	Rv0103c	SNP	NON_SYNONYMOUS_CODING	tTg/tcG	L225
RG74	AL123456_3	125830	GAAAA	GAAAA	Rv0107c	INDEL	FRAME_SHIFT	-/T	-1569?
RG74	AL123456_3	131174	TGG	TGGG	none	INDEL	INTERGENIC		
RG74	AL123456_3	132417	C	G	Rv0109	SNP	NON_SYNONYMOUS_CODING	Gcg/Gcg	R346G
RG74	AL123456_3	133839	C	T	none	SNP	INTERGENIC		
RG74	AL123456_3	133862	G	A	none	SNP	INTERGENIC		
RG74	AL123456_3	146087	T	C	Rv0120c	SNP	NON_SYNONYMOUS_CODING	aAt/aGt	N562S
RG74	AL123456_3	149323	C	T	none	SNP	INTERGENIC		
RG74	AL123456_3	154283	T	C	Rv0127	SNP	NON_SYNONYMOUS_CODING	Tcg/Ccg	S18P
RG74	AL123456_3	157292	C	T	Rv0129c	SNP	SYNONYMOUS_CODING	gaG/gaA	E103
RG74	AL123456_3	160214	T	C	Rv0132c	SNP	NON_SYNONYMOUS_CODING	tAt/tGt	Y190C
RG74	AL123456_3	162581	G	A	Rv0134	SNP	NON_SYNONYMOUS_CODING	Ggc/Agc	G271S
RG74	AL123456_3	177857	G	A	Rv0151c	SNP	SYNONYMOUS_CODING	Ctg/Ttg	L485
RG74	AL123456_3	178941	G	T	Rv0151c	SNP	NON_SYNONYMOUS_CODING	aaC/aaA	N123K
RG74	AL123456_3	180025	C	T	Rv0152c	SNP	NON_SYNONYMOUS_CODING	gGg/gAg	G291E
RG74	AL123456_3	188800	T	C	Rv0159c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T14A
RG74	AL123456_3	194681	G	C	Rv0165c	SNP	SYNONYMOUS_CODING	ctC/ctG	L45
			ATTGCCGGGACTGCCGG		ATTGCCGGGG				
RG74	AL123456_3	194849	GG	ATTGCCGGGG	none	INDEL	INTERGENIC		
RG74	AL123456_3	196517	G	T	Rv0166	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V509L
RG74	AL123456_3	196642	C	T	Rv0166	SNP	SYNONYMOUS_CODING	aaC/aaT	N550
RG74	AL123456_3	199390	C	G	Rv0169	SNP	NON_SYNONYMOUS_CODING	aCc/aGc	T286S
RG74	AL123456_3	202774	A	G	Rv0172	SNP	NON_SYNONYMOUS_CODING	aAt/aGt	N100S
RG74	AL123456_3	203269	C	T	Rv0172	SNP	NON_SYNONYMOUS_CODING	gCc/gTg	A265V
RG74	AL123456_3	206339	T	C	Rv0174	SNP	NON_SYNONYMOUS_CODING	ctG/cCg	L370P
RG74	AL123456_3	207226	T	C	Rv0175	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M138T
RG74	AL123456_3	209462	C	T	Rv0178	SNP	SYNONYMOUS_CODING	acC/aCt	T175
RG74	AL123456_3	211192	T	C	Rv0180c	SNP	SYNONYMOUS_CODING	gaA/gaG	E353
RG74	AL123456_3	211800	C	T	Rv0180c	SNP	NON_SYNONYMOUS_CODING	Gct/Act	A151T
RG74	AL123456_3	212353	C	T	Rv0181c	SNP	NON_SYNONYMOUS_CODING	ccC/cAc	R220H
RG74	AL123456_3	216982	C	T	Rv0186	SNP	SYNONYMOUS_CODING	ccC/ccT	P238
RG74	AL123456_3	223942	T	C	Rv0192	SNP	NON_SYNONYMOUS_CODING	Tcg/Ccg	S127P
RG74	AL123456_3	225323	T	C	Rv0193c	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K417E
RG74	AL123456_3	227098	T	C	Rv0194	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M74T
RG74	AL123456_3	231114	C	G	Rv0195	SNP	SYNONYMOUS_CODING	gcC/gcG	A72
RG74	AL123456_3	234477	T	G	Rv0197	SNP	STOP_GAINED	taT/taG	Y749*
RG74	AL123456_3	234496	C	CGT	Rv0197	INDEL	FRAME_SHIFT	-/GT	-756?
RG74	AL123456_3	247749	A	G	Rv0207c	SNP	NON_SYNONYMOUS_CODING	Ttc/Ctc	F122L
RG74	AL123456_3	248539	A	G	Rv0208c	SNP	NON_SYNONYMOUS_CODING	gTg/gCg	V123A
RG74	AL123456_3	25323	G	A	Rv0213c	SNP	SYNONYMOUS_CODING	Ctg/Ttg	L210
RG74	AL123456_3	261869	T	C	Rv0218	SNP	NON_SYNONYMOUS_CODING	Tgt/Cgt	C316R
RG74	AL123456_3	265554	A	C	Rv0222	SNP	SYNONYMOUS_CODING	gtA/gtC	V16
RG74	AL123456_3	274683	T	G	Rv0229c	SNP	NON_SYNONYMOUS_CODING	Aaa/Caa	K102Q
RG74	AL123456_3	278681	C	G	Rv0233	SNP	NON_SYNONYMOUS_CODING	Cat/Gat	H33D
RG74	AL123456_3	283614	T	C	Rv0236c	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S1080G
RG74	AL123456_3	285772	A	C	Rv0236c	SNP	SYNONYMOUS_CODING	ccT/ccG	P360
RG74	AL123456_3	285871	A	G	Rv0236c	SNP	SYNONYMOUS_CODING	gtT/gtC	V327
RG74	AL123456_3	290055	C	G,A	Rv0241c	SNP	SYNONYMOUS_CODING	gcG/gcC	A200
RG74	AL123456_3	292261	G	A	Rv0243	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A31T
RG74	AL123456_3	293704	CTTTTT	CTTTT	none	INDEL	INTERGENIC		
RG74	AL123456_3	310973	G	A	Rv0259c	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A182V
RG74	AL123456_3	311613	G	T	Rv0260c	SNP	SYNONYMOUS_CODING	gtC/gtA	V349
RG74	AL123456_3	315755	C	G	Rv0263c	SNP	SYNONYMOUS_CODING	ctG/ctC	L4
RG74	AL123456_3	316129	C	G	Rv0264c	SNP	NON_SYNONYMOUS_CODING	gGc/gCc	G96A
RG74	AL123456_3	328219	G	A	Rv0271c	SNP	SYNONYMOUS_CODING	ggC/ggT	G81
RG74	AL123456_3	331759	G	T	Rv0276	SNP	SYNONYMOUS_CODING	tcG/tcT	S4
RG74	AL123456_3	335956	C	T	Rv0278c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A119T
RG74	AL123456_3	336698	C	G	Rv0279c	SNP	SYNONYMOUS_CODING	ggG/ggC	G792

RG74	AL123456_3	336701 A	G	Rv0279c	SNP	SYNONYMOUS_CODING	ggT/ggC	G791
RG74	AL123456_3	337820 G	A	Rv0279c	SNP	SYNONYMOUS_CODING	ggC/ggT	G418
RG74	AL123456_3	338100 T	C	Rv0279c	SNP	NON_SYNONYMOUS_CODING	aAc/aGc	N325S
RG74	AL123456_3	338876 G	A	Rv0279c	SNP	SYNONYMOUS_CODING	agC/agT	S66
RG74	AL123456_3	338960 T	C	Rv0279c	SNP	SYNONYMOUS_CODING	gcA/gcG	A38
RG74	AL123456_3	340372 T	C	Rv0280	SNP	NON_SYNONYMOUS_CODING	TcG/CcG	S337P
RG74	AL123456_3	346275 C	G	Rv0284	SNP	NON_SYNONYMOUS_CODING	cG/cGg	P214R
RG74	AL123456_3	356528 A	G	Rv0292	SNP	NON_SYNONYMOUS_CODING	Aat/Gat	N217D
RG74	AL123456_3	366088 A	G	Rv0303	SNP	SYNONYMOUS_CODING	gcA/gcG	A285
RG74	AL123456_3	373282 TAA	TA	Rv0305c	INDEL	FRAME_SHIFT	-	-810
RG74	AL123456_3	376774 T	C	Rv0307c	SNP	SYNONYMOUS_CODING	gcA/gcG	A94
RG74	AL123456_3	384380 A	C	Rv0315	SNP	NON_SYNONYMOUS_CODING	aAg/aGc	K260T
RG74	AL123456_3	386432 C	G	Rv0318c	SNP	NON_SYNONYMOUS_CODING	gGg/gcG	G223A
RG74	AL123456_3	387353 G	A	Rv0319	SNP	NON_SYNONYMOUS_CODING	gGc/gAc	G69D
RG74	AL123456_3	390828 T	C	Rv0323c	SNP	NON_SYNONYMOUS_CODING	AgT/Ggt	S142G
RG74	AL123456_3	401678 C	A	Rv0336	SNP	NON_SYNONYMOUS_CODING	cCc/cAc	P496H
RG74	AL123456_3	403364 G	A	Rv0338c	SNP	SYNONYMOUS_CODING	ccC/ccT	P826
RG74	AL123456_3	403920 C	T	Rv0338c	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R641H
RG74	AL123456_3	403980 G	A	Rv0338c	SNP	NON_SYNONYMOUS_CODING	gCc/gtC	A621V
RG74	AL123456_3	404326 T	C	Rv0338c	SNP	NON_SYNONYMOUS_CODING	Agg/Ggg	R506G
RG74	AL123456_3	408723 C	T	Rv0340	SNP	SYNONYMOUS_CODING	atC/atT	I30
RG74	AL123456_3	414486 C	T	Rv0344c	SNP	SYNONYMOUS_CODING	gaG/gaA	E152
RG74	AL123456_3	420008 A	G	Rv0350	SNP	SYNONYMOUS_CODING	gcA/gcG	A58
		TTGCCGAGGTTTGCACTGCC						
		GAGGTTTGCACTGCCGAGG	TTGCCGAGGTTTGCACTGCCG					
		TTTGCACTGCCGAGGTTTG	AGGTTTGCACTGCCGAGGTTT					
RG74	AL123456_3	427310 ACTGCC	GCACTGCC	Rv0355c	INDEL	CODON_DELETION	ggcagtccaacctc/-	GSANL243I
		CGTCGCGGTGTTGTAGAA						
		GCCGGTGTGAGTCGCCG	CGTCGCGGTGTTGTAGAAGC					
RG74	AL123456_3	428109 GTGTTGTAGAAGCCGGT	CGGT	Rv0355c	INDEL	CODON_DELETION	accggcttcacaaccgg.TGFYNTGD	
RG74	AL123456_3	435553 C	T	Rv0357c	SNP	NON_SYNONYMOUS_CODING	gGa/gAa	G406E
RG74	AL123456_3	44351 G	T	Rv0366c	SNP	NON_SYNONYMOUS_CODING	aaC/aaA	N155K
RG74	AL123456_3	446786 G	A	Rv0369c	SNP	SYNONYMOUS_CODING	ggC/ggT	G87
RG74	AL123456_3	454295 T	C	Rv0376c	SNP	SYNONYMOUS_CODING	ccA/ccG	P26
RG74	AL123456_3	457452 T	G	Rv0381c	SNP	SYNONYMOUS_CODING	acA/acC	T124
RG74	AL123456_3	459399 A	C	none	SNP	INTERGENIC		
RG74	AL123456_3	460423 A	G	Rv0384c	SNP	NON_SYNONYMOUS_CODING	gTg/gcG	V527A
RG74	AL123456_3	467497 CGGG	CGGGG	Rv0388c	INDEL	FRAME_SHIFT	-/C	-167?
RG74	AL123456_3	467516 G	C	Rv0388c	SNP	SYNONYMOUS_CODING	tcC/tcG	S162
RG74	AL123456_3	467526 C	G	Rv0388c	SNP	NON_SYNONYMOUS_CODING	gGg/gcG	G159A
RG74	AL123456_3	467546 G	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	gaC/gaG	D152E
RG74	AL123456_3	467557 A	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	TtG/Gtg	L149V
RG74	AL123456_3	467564 A	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	caT/caG	H146Q
RG74	AL123456_3	467585 G	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	caC/cag	H139Q
RG74	AL123456_3	467590 T	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	AGC/GcG	T138A
RG74	AL123456_3	467621 T	G	Rv0388c	SNP	SYNONYMOUS_CODING	ggA/ggC	G127
RG74	AL123456_3	467638 G	T	Rv0388c	SNP	NON_SYNONYMOUS_CODING	Cag/AaG	Q122K
RG74	AL123456_3	471621 C	T	Rv0392c	SNP	NON_SYNONYMOUS_CODING	gGg/gAg	G340E
RG74	AL123456_3	472705 T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	475178 T	C	Rv0395	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V80A
RG74	AL123456_3	479632 G	T	Rv0400c	SNP	NON_SYNONYMOUS_CODING	aCc/aAc	T41N
RG74	AL123456_3	489416 G	C	Rv0405	SNP	NON_SYNONYMOUS_CODING	gGc/gcG	G1229A
RG74	AL123456_3	489935 G	C	Rv0406c	SNP	NON_SYNONYMOUS_CODING	cGg/cGc	R1402P
RG74	AL123456_3	497129 G	T	Rv0410c	SNP	SYNONYMOUS_CODING	gcC/gcA	A62
RG74	AL123456_3	498557 C	A	Rv0412c	SNP	NON_SYNONYMOUS_CODING	Gac/Tac	D355Y
RG74	AL123456_3	499798 G	A	Rv0413	SNP	STOP_GAINED	tGg/tAg	W29*
RG74	AL123456_3	502589 C	G	Rv0417	SNP	NON_SYNONYMOUS_CODING	tcC/tGc	S75C
RG74	AL123456_3	503354 G	C	none	SNP	INTERGENIC		
RG74	AL123456_3	513257 T	C	Rv0425c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M689V
RG74	AL123456_3	534691 C	T	Rv0446c	SNP	STOP_GAINED	tgG/tgA	W175*
RG74	AL123456_3	535695 C	T	Rv0447c	SNP	SYNONYMOUS_CODING	ggG/ggA	G271
RG74	AL123456_3	541201 A	G	Rv0450c	SNP	SYNONYMOUS_CODING	ctT/ctC	L97
RG74	AL123456_3	546827 C	T	none	SNP	INTERGENIC		
RG74	AL123456_3	551525 A	C	Rv0459	SNP	SYNONYMOUS_CODING	Aga/Cga	R110
RG74	AL123456_3	556428 T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	558501 C	T	Rv0467	SNP	SYNONYMOUS_CODING	gaC/gaT	D325
RG74	AL123456_3	563420 T	C	Rv0472c	SNP	NON_SYNONYMOUS_CODING	gAg/gGg	E3G
RG74	AL123456_3	573262 A	G	Rv0484c	SNP	SYNONYMOUS_CODING	ggT/ggC	G180
		GGGGGCACCCCGCTTGC						
RG74	AL123456_3	580773 GGGGGAG	GG	none	INDEL	INTERGENIC		
RG74	AL123456_3	584438 G	A	Rv0493c	SNP	NON_SYNONYMOUS_CODING	Ccc/Tcc	P855
RG74	AL123456_3	589536 G	A	Rv0499	SNP	SYNONYMOUS_CODING	ctG/cta	L118
RG74	AL123456_3	590436 T	C	Rv0500	SNP	SYNONYMOUS_CODING	gcT/gcC	A118
RG74	AL123456_3	595192 G	A	Rv0504c	SNP	SYNONYMOUS_CODING	gaC/gaT	D37
RG74	AL123456_3	597816 A	G	Rv0507	SNP	SYNONYMOUS_CODING	gcA/gcG	A206
RG74	AL123456_3	598475 G	A	Rv0507	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R426H
RG74	AL123456_3	603122 C	T	Rv0511	SNP	SYNONYMOUS_CODING	CtG/TtG	L102
RG74	AL123456_3	610120 T	G	none	SNP	INTERGENIC		
RG74	AL123456_3	623472 A	G	Rv0532	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D227G
RG74	AL123456_3	623508 C	G	Rv0532	SNP	NON_SYNONYMOUS_CODING	gCc/gcG	A239G
RG74	AL123456_3	637319 G	A	Rv0545c	SNP	NON_SYNONYMOUS_CODING	Cct/Tct	P495
RG74	AL123456_3	637922 C	T	Rv0546c	SNP	SYNONYMOUS_CODING	caG/caA	Q16
RG74	AL123456_3	648002 T	G	Rv0556	SNP	NON_SYNONYMOUS_CODING	cTc/cGc	L15R
RG74	AL123456_3	664249 C	T	Rv0571c	SNP	SYNONYMOUS_CODING	caG/caA	Q190
RG74	AL123456_3	665293 A	G	Rv0572c	SNP	NON_SYNONYMOUS_CODING	Ttc/Ctc	F31L
RG74	AL123456_3	669398 T	C	Rv0575c	SNP	SYNONYMOUS_CODING	caA/caG	Q116
RG74	AL123456_3	671876 G	A	Rv0577	SNP	SYNONYMOUS_CODING	tcG/tcA	S237
RG74	AL123456_3	672491 C	G	Rv0578c	SNP	SYNONYMOUS_CODING	ggG/ggC	G1142
RG74	AL123456_3	673238 A	G	Rv0578c	SNP	SYNONYMOUS_CODING	caT/caC	H893
RG74	AL123456_3	675673 C	T	Rv0578c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A82T
RG74	AL123456_3	682903 A	G	Rv0585c	SNP	NON_SYNONYMOUS_CODING	aTa/aCa	I457T
RG74	AL123456_3	685461 C	G	Rv0587	SNP	SYNONYMOUS_CODING	gcC/gcG	A111
RG74	AL123456_3	685608 T	C	Rv0587	SNP	SYNONYMOUS_CODING	ctT/ctC	L160
RG74	AL123456_3	686972 T	C	Rv0589	SNP	NON_SYNONYMOUS_CODING	tTc/tCc	F515
RG74	AL123456_3	690465 T	G	Rv0591	SNP	SYNONYMOUS_CODING	ctT/ctG	L469
RG74	AL123456_3	698968 G	A	Rv0601c	SNP	SYNONYMOUS_CODING	ggC/ggT	G9
RG74	AL123456_3	709226 G	A	Rv0613c	SNP	NON_SYNONYMOUS_CODING	acC/aTc	T97I
RG74	AL123456_3	726703 C	A	Rv0631c	SNP	NON_SYNONYMOUS_CODING	aGg/aTg	R535M
RG74	AL123456_3	731027 T	C	Rv0634c	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K3E
RG74	AL123456_3	736710 T	C	Rv0642c	SNP	NON_SYNONYMOUS_CODING	aaC/aGc	N165S

RG74	AL123456_3	2612632	C	A	Rv2337c	SNP	NON_SYNONYMOUS_CODING	gGc/gTc	G119V
RG74	AL123456_3	2621058	G	A	Rv2343c	SNP	SYNONYMOUS_CODING	ccC/ccT	P465
RG74	AL123456_3	2641556	A	C	Rv2358	SNP	NON_SYNONYMOUS_CODING	gAg/gCg	E104A
RG74	AL123456_3	2654371	G	A	Rv2374c	SNP	SYNONYMOUS_CODING	aaC/aaT	N241
RG74	AL123456_3	2656225	A	G	Rv2377c	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V69A
RG74	AL123456_3	2660319	C	G	Rv2379c	SNP	NON_SYNONYMOUS_CODING	gaG/gaC	E589D
RG74	AL123456_3	2680658	T	G	none	SNP	INTERGENIC		
RG74	AL123456_3	2683137	G	A	Rv2388c	SNP	SYNONYMOUS_CODING	ccC/ccT	P2
RG74	AL123456_3	2695378	C	G	Rv2398c	SNP	NON_SYNONYMOUS_CODING	gGc/gCc	G141A
ACAGCGACCATATCGCCGAGC									
RG74	AL123456_3	2704884	AC	TC	Rv2407	INDEL	CODON_INSERTION	-/AGCGACCATATCGC(-64SDHIAEI)	
RG74	AL123456_3	2713795	C	T	none	SNP	INTERGENIC		
RG74	AL123456_3	2718852	T	G	none	SNP	INTERGENIC		
RG74	AL123456_3	2721013	A	G	Rv2424c	SNP	SYNONYMOUS_CODING	cgT/cgC	R255
RG74	AL123456_3	2734074	T	C	Rv2436	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V282A
RG74	AL123456_3	2736434	C	A	Rv2438c	SNP	NON_SYNONYMOUS_CODING	cGg/cTg	R133L
RG74	AL123456_3	2745041	G	T	none	SNP	INTERGENIC		
RG74	AL123456_3	2745889	C	T	Rv2446c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A84T
RG74	AL123456_3	2751804	C	T	Rv2450c	SNP	NON_SYNONYMOUS_CODING	cGg/cAg	R126Q
RG74	AL123456_3	2752698	C	A	none	SNP	INTERGENIC		
RG74	AL123456_3	2760152	A	G	Rv2458	SNP	NON_SYNONYMOUS_CODING	tAc/tGc	Y125C
RG74	AL123456_3	2779136	T	C	Rv2476c	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S1043G
RG74	AL123456_3	2786952	A	G	Rv2482c	SNP	NON_SYNONYMOUS_CODING	TgC/CgC	C778R
RG74	AL123456_3	2809362	G	T	Rv2495c	SNP	NON_SYNONYMOUS_CODING	GcC/gAc	A193D
RG74	AL123456_3	2809621	T	C	Rv2495c	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T107A
RG74	AL123456_3	2814961	G	A	Rv2501c	SNP	SYNONYMOUS_CODING	ggC/ggT	G640
RG74	AL123456_3	2818837	A	G	Rv2503c	SNP	SYNONYMOUS_CODING	ggT/ggC	G97
RG74	AL123456_3	2820548	C	T	Rv2505c	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R350H
RG74	AL123456_3	2821342	C	T	Rv2505c	SNP	SYNONYMOUS_CODING	gcG/gcA	A85
RG74	AL123456_3	2827984	G	T	none	SNP	INTERGENIC		
RG74	AL123456_3	2828019	T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	2830525	C	A	Rv2513	SNP	NON_SYNONYMOUS_CODING	aCg/aAg	T122K
RG74	AL123456_3	2839983	G	A	none	SNP	INTERGENIC		
RG74	AL123456_3	2844132	G	T	Rv2524c	SNP	NON_SYNONYMOUS_CODING	cCg/cAg	P1734Q
RG74	AL123456_3	2855259	A	G	Rv2531c	SNP	SYNONYMOUS_CODING	gcT/gcC	A841
RG74	AL123456_3	2858835	G	A	Rv2534c	SNP	SYNONYMOUS_CODING	gcC/gcT	A152
RG74	AL123456_3	2865760	A	G	Rv2542	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T211A
RG74	AL123456_3	2865882	T	C	Rv2542	SNP	SYNONYMOUS_CODING	gtT/gtC	V251
RG74	AL123456_3	2871048	C	T	Rv2551c	SNP	SYNONYMOUS_CODING	ctG/cta	L49
RG74	AL123456_3	2877399	G	A	Rv2557	SNP	NON_SYNONYMOUS_CODING	GcG/cAc	A110T
RG74	AL123456_3	2880702	G	C	Rv2560	SNP	NON_SYNONYMOUS_CODING	Gtc/Ctc	V210L
RG74	AL123456_3	2881455	A	G	Rv2561	SNP	NON_SYNONYMOUS_CODING	tAc/tGc	Y16C
RG74	AL123456_3	2881631	GCCCCC	GCCCCC	Rv2561	INDEL	FRAME_SHIFT	-	-76
RG74	AL123456_3	2885649	G	T	Rv2565	SNP	NON_SYNONYMOUS_CODING	Gct/Tct	A347S
RG74	AL123456_3	2888201	T	C	Rv2566	SNP	NON_SYNONYMOUS_CODING	cTc/cCc	L610P
RG74	AL123456_3	2889633	T	C	Rv2566	SNP	SYNONYMOUS_CODING	gcT/gcC	A1087
RG74	AL123456_3	2891267	C	T	Rv2567	SNP	SYNONYMOUS_CODING	ggC/ggT	G491
RG74	AL123456_3	2891728	A	G	Rv2567	SNP	NON_SYNONYMOUS_CODING	cAg/cGg	Q645R
RG74	AL123456_3	2893238	C	A	Rv2568c	SNP	SYNONYMOUS_CODING	cgG/cgT	R78
RG74	AL123456_3	2894208	G	A	Rv2569c	SNP	SYNONYMOUS_CODING	agC/agT	S67
RG74	AL123456_3	2910461	G	T	Rv2584c	SNP	NON_SYNONYMOUS_CODING	CgG/gAg	A147E
RG74	AL123456_3	2911293	C	G	Rv2585c	SNP	NON_SYNONYMOUS_CODING	tGt/tCt	C462S
RG74	AL123456_3	2912294	T	G	Rv2585c	SNP	SYNONYMOUS_CODING	gAc/gcC	A128
RG74	AL123456_3	2923391	T	C	Rv2592c	SNP	SYNONYMOUS_CODING	ccA/ccG	P281
RG74	AL123456_3	2927939	T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	2939373	G	C	Rv2611c	SNP	NON_SYNONYMOUS_CODING	tCt/tGt	S197C
RG74	AL123456_3	2939657	T	C	Rv2611c	SNP	NON_SYNONYMOUS_CODING	atA/atG	I102M
RG74	AL123456_3	2954439	T	C	Rv2627c	SNP	NON_SYNONYMOUS_CODING	AgA/GgA	R104G
RG74	AL123456_3	2960231	G	T	Rv2634c	SNP	SYNONYMOUS_CODING	ggC/ggA	G737
RG74	AL123456_3	2968913	T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	2972108	G	A	none	SNP	INTERGENIC		
RG74	AL123456_3	2973463	ATC	ATCTTC	none	INDEL	INTERGENIC		
RG74	AL123456_3	2974933	A	G	Rv2650c	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I101T
RG74	AL123456_3	2976313	A	G	Rv2652c	SNP	NON_SYNONYMOUS_CODING	tTc/tCc	F81S
RG74	AL123456_3	2984740	A	G	Rv2668	SNP	NON_SYNONYMOUS_CODING	cAc/cCc	H3R
RG74	AL123456_3	2991916	A	G	Rv2675c	SNP	SYNONYMOUS_CODING	ccT/ccC	P7
RG74	AL123456_3	2996026	A	C	none	SNP	INTERGENIC		
RG74	AL123456_3	3004091	G	A	Rv2687c	SNP	NON_SYNONYMOUS_CODING	Cgg/Tgg	R220W
RG74	AL123456_3	3005185	G	T	Rv2688c	SNP	NON_SYNONYMOUS_CODING	Ccc/Acc	P156T
RG74	AL123456_3	3009692	A	G	Rv2691	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T117A
RG74	AL123456_3	3017465	T	C	Rv2702	SNP	NON_SYNONYMOUS_CODING	aTa/aCa	I203T
RG74	AL123456_3	3029610	G	A	Rv2716	SNP	NON_SYNONYMOUS_CODING	GcG/cAc	A147T
RG74	AL123456_3	3040838	C	T	Rv2728c	SNP	SYNONYMOUS_CODING	ccG/cca	P208
RG74	AL123456_3	3041871	G	T	Rv2729c	SNP	NON_SYNONYMOUS_CODING	gCg/gAg	A202E
RG74	AL123456_3	3054081	A	G	Rv2741	SNP	SYNONYMOUS_CODING	ggA/ggG	G56
RG74	AL123456_3	3054321	A	G	Rv2741	SNP	SYNONYMOUS_CODING	ggA/ggG	G136
RG74	AL123456_3	3061615	T	C	Rv2748c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M298V
RG74	AL123456_3	3068647	C	T	Rv2756c	SNP	SYNONYMOUS_CODING	ttG/taA	L479
RG74	AL123456_3	3073868	T	C	Rv2764c	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T202A
RG74	AL123456_3	3077039	C	A	Rv2768c	SNP	NON_SYNONYMOUS_CODING	gGc/gTc	G347V
RG74	AL123456_3	3080795	A	G	Rv2771c	SNP	NON_SYNONYMOUS_CODING	cTc/cCc	L80P
RG74	AL123456_3	3086788	T	C	none	SNP	INTERGENIC		
RG74	AL123456_3	3095331	G	A	Rv2787	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R74H
RG74	AL123456_3	3101119	G	T	Rv2791c	SNP	NON_SYNONYMOUS_CODING	CgC/AgC	R155S
RG74	AL123456_3	3103682	T	C	Rv2794c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M87V
RG74	AL123456_3	3106033	C	T	Rv2797c	SNP	SYNONYMOUS_CODING	gtG/gtA	V425
RG74	AL123456_3	3108055	C	T	Rv2799	SNP	SYNONYMOUS_CODING	gcC/gcT	A96
RG74	AL123456_3	3108674	A	C	Rv2800	SNP	SYNONYMOUS_CODING	Agg/Cgg	R87
RG74	AL123456_3	3113872	A	T	Rv2807	SNP	NON_SYNONYMOUS_CODING	gAg/gTg	E72V
TGCCGGGGTAGCTGATCGT									
GCGAATTCAGCCCATGCTC									
RG74	AL123456_3	3125425	GC	TGC	Rv2818c	INDEL	FRAME_SHIFT	-	-227
RG74	AL123456_3	3131469	TTGT	TTGTCCGCGATGT	Rv2823c	INDEL	CODON_INSERTION	-/ACATCGCCG	-101TSP
RG74	AL123456_3	3133536	T	C	Rv2825c	SNP	NON_SYNONYMOUS_CODING	Aaa/Gaa	K2E
RG74	AL123456_3	3137058	G	A	Rv2830c	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A56V
RG74	AL123456_3	3162805	C	G	Rv2853	SNP	NON_SYNONYMOUS_CODING	Cgc/Ggc	R180G
RG74	AL123456_3	3165074	T	C	Rv2854	SNP	NON_SYNONYMOUS_CODING	tGt/gCg	V308A
RG74	AL123456_3	3175702	T	C	Rv2864c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I522V
RG74	AL123456_3	3177884	C	A	Rv2866	SNP	SYNONYMOUS_CODING	cgC/cgA	R21
RG74	AL123456_3	3178445	C	G,A	none	SNP	INTERGENIC		
RG74	AL123456_3	3186860	T	G	Rv2874	SNP	NON_SYNONYMOUS_CODING	Tat/Gat	Y672D

RG74	AL123456_3	4109895	G	A	Rv3668c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T196I
RG74	AL123456_3	4111303	G	C	Rv3669	SNP	SYNONYMOUS_CODING	gtG/gtC	V159
RG74	AL123456_3	4131040	C	T	Rv3689	SNP	SYNONYMOUS_CODING	gcC/gcT	A228
RG74	AL123456_3	4135112	G	A	Rv3693	SNP	NON_SYNONYMOUS_CODING	atG/ata	M129I
RG74	AL123456_3	4156099	C	A	Rv3711c	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V211L
RG74	AL123456_3	4161935	G	T	Rv3718c	SNP	SYNONYMOUS_CODING	acC/aCa	T108
RG74	AL123456_3	4162339	A	G	Rv3719	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T12A
RG74	AL123456_3	4163944	A	G	Rv3720	SNP	NON_SYNONYMOUS_CODING	cAt/cGt	H70R
RG74	AL123456_3	4167796	G	A	Rv3722c	SNP	SYNONYMOUS_CODING	tcC/tcT	S111
RG74	AL123456_3	4171828	G	A	Rv3726	SNP	SYNONYMOUS_CODING	ccG/cCa	P136
RG74	AL123456_3	4174564	T	C	Rv3727	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I537T
RG74	AL123456_3	4182695	G	A	Rv3731	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R313H
RG74	AL123456_3	4187485	T	C	Rv3736	SNP	SYNONYMOUS_CODING	gcT/gcC	A284
RG74	AL123456_3	4187817	A	G	Rv3737	SNP	NON_SYNONYMOUS_CODING	gAt/gGt	D40G
RG74	AL123456_3	4187873	T	C	Rv3737	SNP	SYNONYMOUS_CODING	Ttg/Ctg	L59
RG74	AL123456_3	4192124	T	C	Rv3740c	SNP	NON_SYNONYMOUS_CODING	cAt/cGt	H19R
RG74	AL123456_3	4197138	CTT	CTTT	none	INDEL	INTERGENIC		
RG74	AL123456_3	4204441	A	G	Rv3759c	SNP	SYNONYMOUS_CODING	caT/caC	H311
RG74	AL123456_3	4204511	A	G	Rv3759c	SNP	NON_SYNONYMOUS_CODING	gTg/gCg	V288A
RG74	AL123456_3	4210274	A	G	Rv3764c	SNP	NON_SYNONYMOUS_CODING	Tgt/Cgt	C246R
RG74	AL123456_3	4216856	A	T	none	SNP	INTERGENIC		
RG74	AL123456_3	4220174	G	A	Rv3775	SNP	NON_SYNONYMOUS_CODING	Gac/Aac	D164N
RG74	AL123456_3	4221490	C	G	Rv3776	SNP	SYNONYMOUS_CODING	ctC/ctG	L134
RG74	AL123456_3	4222073	A	G	Rv3776	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M329V
RG74	AL123456_3	4222882	A	G	Rv3777	SNP	SYNONYMOUS_CODING	ctA/ctG	L63
RG74	AL123456_3	4224784	C	T	Rv3778c	SNP	NON_SYNONYMOUS_CODING	Gtg/Atg	V38M
RG74	AL123456_3	4232399	G	A	Rv3786c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T100I
RG74	AL123456_3	4242643	C	T	Rv3793	SNP	SYNONYMOUS_CODING	cgC/cgT	R927
RG74	AL123456_3	4249447	G	A	Rv3795	SNP	SYNONYMOUS_CODING	gtG/gtA	V978
RG74	AL123456_3	4255922	A	G	Rv3799c	SNP	SYNONYMOUS_CODING	caT/caC	H9
RG74	AL123456_3	4257220	A	G	Rv3800c	SNP	SYNONYMOUS_CODING	cgT/cgC	R1309
RG74	AL123456_3	4264219	T	G	Rv3802c	SNP	SYNONYMOUS_CODING	gA/gGc	G49
RG74	AL123456_3	4264868	A	G	Rv3803c	SNP	NON_SYNONYMOUS_CODING	Tgg/Cgg	W199R
RG74	AL123456_3	4281731	A	G	Rv3817	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N29D
RG74	AL123456_3	4281849	G	C	Rv3817	SNP	NON_SYNONYMOUS_CODING	tGg/tGg	W685
RG74	AL123456_3	4293072	G	A	Rv3824c	SNP	NON_SYNONYMOUS_CODING	Ctt/Ttt	L35F
RG74	AL123456_3	4294980	G	A	Rv3825c	SNP	SYNONYMOUS_CODING	tcC/tcT	S42
RG74	AL123456_3	4302036	T	C	Rv3827c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T252A
RG74	AL123456_3	4306155	C	T	Rv3831	SNP	SYNONYMOUS_CODING	agC/agT	S133
RG74	AL123456_3	4307179	G	A	Rv3833	SNP	NON_SYNONYMOUS_CODING	Gtc/Atc	V105I
RG74	AL123456_3	4315384	T	C	Rv3842c	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D60G
RG74	AL123456_3	4316046	A	G	Rv3843c	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V184A
RG74	AL123456_3	4320050	A	G	none	SNP	INTERGENIC		
RG74	AL123456_3	4336090	A	AT	none	INDEL	INTERGENIC		
RG74	AL123456_3	4338595	GC	G	none	INDEL	INTERGENIC		
RG74	AL123456_3	4338732	G	A	none	SNP	INTERGENIC		
RG74	AL123456_3	4340330	T	G	Rv3864	SNP	NON_SYNONYMOUS_CODING	Ttg/Gtg	L21V
RG74	AL123456_3	4351039	G	T	Rv3872	SNP	STOP_GAINED	Gaa/Taa	E99*
RG74	AL123456_3	4356110	G	C	Rv3877	SNP	SYNONYMOUS_CODING	ctG/ctC	L368
RG74	AL123456_3	4363069	T	C	Rv3882c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I118V
RG74	AL123456_3	4366272	G	C	Rv3884c	SNP	SYNONYMOUS_CODING	gcC/gcG	A189
RG74	AL123456_3	4368772	A	C	Rv3886c	SNP	NON_SYNONYMOUS_CODING	Tcg/Gcg	S467A
RG74	AL123456_3	4373496	C	G	Rv3889c	SNP	SYNONYMOUS_CODING	gtG/gtC	V45
RG74	AL123456_3	4375628	G	T	Rv3892c	SNP	NON_SYNONYMOUS_CODING	aCg/aAg	T19K
RG74	AL123456_3	4376098	G	A	none	SNP	INTERGENIC		
RG74	AL123456_3	4378181	G	C	Rv3894c	SNP	NON_SYNONYMOUS_CODING	Caa/Gaa	Q758E
RG74	AL123456_3	4379680	C	G	Rv3894c	SNP	NON_SYNONYMOUS_CODING	cGc/cCc	R258P
RG74	AL123456_3	4382054	T	C	Rv3896c	SNP	SYNONYMOUS_CODING	gcA/gcG	A266
RG74	AL123456_3	4382275	G	T	Rv3896c	SNP	NON_SYNONYMOUS_CODING	Caa/Aaa	Q193K
RG74	AL123456_3	4385530	G	C	Rv3900c	SNP	NON_SYNONYMOUS_CODING	cCa/cCa	P260R
RG74	AL123456_3	4390753	C	G	Rv3905c	SNP	SYNONYMOUS_CODING	tcG/tcC	S93
RG74	AL123456_3	4391553	C	T	Rv3906c	SNP	SYNONYMOUS_CODING	ccG/ccA	P18
RG74	AL123456_3	4398952	G	A	Rv3910	SNP	NON_SYNONYMOUS_CODING	Gtc/Atc	V786I
RG74	AL123456_3	4400660	ACCC	ACC	Rv3911	INDEL	FRAME_SHIFT	-	-160
RG74	AL123456_3	4401536	G	A	Rv3912	SNP	NON_SYNONYMOUS_CODING	Gcg/Acg	A223T
RG74	AL123456_3	4404109	A	G	Rv3915	SNP	SYNONYMOUS_CODING	caA/caG	Q306
RG74	AL123456_3	4406017	G	C	Rv3917c	SNP	NON_SYNONYMOUS_CODING	Cag/Gag	Q159E
RG74	AL123456_3	4408156	A	C	Rv3919c	SNP	NON_SYNONYMOUS_CODING	ctT/cGt	L16R

Supplementary Table 2 - Variants found for RG112 clinical isolate.

Strain	Chromosome	Position	Reference allele	Mutated allele	Affected ORF	Type	Impact	Codon Change	Mutation
RG112	AL123456_3	1977 A	G	G	none	SNP	INTERGENIC		
RG112	AL123456_3	4013 T	C	C	Rv0003	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I245T
RG112	AL123456_3	7362 G	C	C	Rv0006	SNP	NON_SYNONYMOUS_CODING	Gag/Cag	E21Q
RG112	AL123456_3	7585 G	C	C	Rv0006	SNP	NON_SYNONYMOUS_CODING	aGc/aCc	S95T
RG112	AL123456_3	8040 G	A	A	Rv0006	SNP	NON_SYNONYMOUS_CODING	Ggc/Agc	G247S
RG112	AL123456_3	9304 G	A	A	Rv0006	SNP	NON_SYNONYMOUS_CODING	gGc/gAc	G668D
RG112	AL123456_3	11879 A	G	G	Rv0008c	SNP	NON_SYNONYMOUS_CODING	Tcc/Ccc	S145P
RG112	AL123456_3	14251 G	A	A	Rv0012	SNP	NON_SYNONYMOUS_CODING	Gat/Aat	D55N
RG112	AL123456_3	14785 T	C	C	Rv0012	SNP	NON_SYNONYMOUS_CODING	Tgc/Cgc	C233R
RG112	AL123456_3	17608 G	C	C	Rv0015c	SNP	NON_SYNONYMOUS_CODING	agC/agG	S385R
RG112	AL123456_3	21795 G	A	A	Rv0018c	SNP	NON_SYNONYMOUS_CODING	Ccg/Tcg	P463S
RG112	AL123456_3	26959 C	G	G	none	SNP	INTERGENIC		
RG112	AL123456_3	30754 A	G	G	Rv0026	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K345E
RG112	AL123456_3	33457 C	T	T	Rv0030	SNP	SYNONYMOUS_CODING	caC/caT	H78
RG112	AL123456_3	33551 T	G	G	Rv0030	SNP	STOP_LOST	Tga/Gga	*110G
RG112	AL123456_3	34044 T	C	C	none	SNP	INTERGENIC		
RG112	AL123456_3	36470 GCCCCCCC	G	G	Rv0032	INDEL	FRAME_SHIFT	-/C	-728?
RG112	AL123456_3	37031 C	G	G	Rv0034	SNP	SYNONYMOUS_CODING	gCc/gcC	A55
RG112	AL123456_3	37763 G	C	C	Rv0035	SNP	NON_SYNONYMOUS_CODING	Gac/Cac	D169H
RG112	AL123456_3	42967 G	C	C	Rv0040c	SNP	SYNONYMOUS_CODING	ccC/ccG	P133
RG112	AL123456_3	55553 C	T	T	Rv0050	SNP	NON_SYNONYMOUS_CODING	Ccg/Tcg	P631S
RG112	AL123456_3	62049 A	G	G	Rv0058	SNP	NON_SYNONYMOUS_CODING	Agg/Ggg	R552G
RG112	AL123456_3	63771 C	A	A	Rv0059	SNP	NON_SYNONYMOUS_CODING	cCg/cTg	P191L
RG112	AL123456_3	69989 G	T	T	Rv0064	SNP	NON_SYNONYMOUS_CODING	gGt/gAt	G457D
RG112	AL123456_3	70816 A	G	G	Rv0064	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N733D
RG112	AL123456_3	71336 G	C	C	Rv0064	SNP	NON_SYNONYMOUS_CODING	cGc/ccC	R906P
RG112	AL123456_3	74059 C	T	T	Rv0066c	SNP	SYNONYMOUS_CODING	aaG/aaA	K151
RG112	AL123456_3	75940 G	C	C	Rv0068	SNP	NON_SYNONYMOUS_CODING	Gtg/Ctg	V214L
			TCGGTGGACCCGGTGA						
			CCCGGTGACCCGGTGG	TCGGTGGACCCGGTGA					
			ACCCGGTGGACCCGGTGG	CCCGGTGACCCGGTGG					
RG112	AL123456_3	79504 GAC	G	G	Rv0071	INDEL	CODON_DELETION	ccggtggac/-	PVD22-
RG112	AL123456_3	80616 C	G	G	none	SNP	INTERGENIC		
RG112	AL123456_3	92199 T	C	C	Rv0083	SNP	SYNONYMOUS_CODING	act/acG	T600
RG112	AL123456_3	104941 T	C	C	Rv0095c	SNP	NON_SYNONYMOUS_CODING	cAg/cGg	Q92R
RG112	AL123456_3	104942 G	C	C	Rv0095c	SNP	NON_SYNONYMOUS_CODING	Cag/Gag	Q92E
RG112	AL123456_3	104944 G	A	A	Rv0095c	SNP	NON_SYNONYMOUS_CODING	gCc/gTc	A91V
RG112	AL123456_3	104962 G	A	A	Rv0095c	SNP	NON_SYNONYMOUS_CODING	gCc/gTg	A85V
RG112	AL123456_3	105045 G	C	C	Rv0095c	SNP	NON_SYNONYMOUS_CODING	gaC/gaG	D57E
RG112	AL123456_3	116000 T	G	G	Rv0101	SNP	SYNONYMOUS_CODING	gtT/gtG	V2000
RG112	AL123456_3	117352 C	T	T	Rv0101	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A2451V
RG112	AL123456_3	122109 A	G	G	Rv0103c	SNP	NON_SYNONYMOUS_CODING	tTg/tcG	L22S
RG112	AL123456_3	125830 GAAAA	G	G	Rv0107c	INDEL	FRAME_SHIFT	-/T	-1569?
RG112	AL123456_3	132417 C	G	G	Rv0109	SNP	NON_SYNONYMOUS_CODING	Cgc/Ggc	R346G
RG112	AL123456_3	133839 C	T	T	none	SNP	INTERGENIC		
RG112	AL123456_3	133862 G	A	A	none	SNP	INTERGENIC		
RG112	AL123456_3	146087 T	C	C	Rv0120c	SNP	NON_SYNONYMOUS_CODING	aAt/aGt	N562S
RG112	AL123456_3	149323 C	T	T	none	SNP	INTERGENIC		
RG112	AL123456_3	154283 T	C	C	Rv0127	SNP	NON_SYNONYMOUS_CODING	Tcg/Ccg	S18P
RG112	AL123456_3	157292 C	T	T	Rv0129c	SNP	SYNONYMOUS_CODING	gaG/gaA	E103
RG112	AL123456_3	160214 T	C	C	Rv0132c	SNP	NON_SYNONYMOUS_CODING	tAt/tgT	Y190C
RG112	AL123456_3	162581 G	A	A	Rv0134	SNP	NON_SYNONYMOUS_CODING	Ggc/Agc	G271S
RG112	AL123456_3	177857 G	A	A	Rv0151c	SNP	SYNONYMOUS_CODING	Ctg/Ttg	L48S
RG112	AL123456_3	178941 G	T	T	Rv0151c	SNP	NON_SYNONYMOUS_CODING	aaC/aaA	N123K
RG112	AL123456_3	180025 C	T	T	Rv0152c	SNP	NON_SYNONYMOUS_CODING	gGg/gaG	G291E
RG112	AL123456_3	188800 T	C	C	Rv0159c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T14A
RG112	AL123456_3	194681 G	C	C	Rv0165c	SNP	SYNONYMOUS_CODING	ctC/ctG	L4S
			ATTGCCGGGGACTTGCCG						
RG112	AL123456_3	194849 GGG	G	G	ATTGCCGGGG	INDEL	INTERGENIC		
RG112	AL123456_3	196517 G	T	T	Rv0166	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V509L
RG112	AL123456_3	196642 C	T	T	Rv0166	SNP	SYNONYMOUS_CODING	aaC/aaT	N550
RG112	AL123456_3	199390 C	G	G	Rv0169	SNP	NON_SYNONYMOUS_CODING	aCc/aGc	T286S
RG112	AL123456_3	202774 A	C	C	Rv0172	SNP	NON_SYNONYMOUS_CODING	aAt/aGt	N100S
RG112	AL123456_3	203269 C	T	T	Rv0172	SNP	NON_SYNONYMOUS_CODING	gCg/gGg	A265V
RG112	AL123456_3	206339 T	C	C	Rv0174	SNP	NON_SYNONYMOUS_CODING	ctG/cGc	L370P
RG112	AL123456_3	207226 T	C	C	Rv0175	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M138T
RG112	AL123456_3	209462 C	T	T	Rv0178	SNP	SYNONYMOUS_CODING	acc/acT	T17S
RG112	AL123456_3	211192 T	C	C	Rv0180c	SNP	SYNONYMOUS_CODING	gaA/gaG	E353
RG112	AL123456_3	211800 C	T	T	Rv0180c	SNP	NON_SYNONYMOUS_CODING	Gct/Act	A151T
RG112	AL123456_3	212353 C	T	T	Rv0181c	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R220H
RG112	AL123456_3	216982 C	T	T	Rv0186	SNP	SYNONYMOUS_CODING	ccC/ccT	P238
RG112	AL123456_3	223942 T	C	C	Rv0192	SNP	NON_SYNONYMOUS_CODING	Tcg/Ccg	S127P
RG112	AL123456_3	225323 T	C	C	Rv0193c	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K417E
RG112	AL123456_3	227098 T	C	C	Rv0194	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M74T
RG112	AL123456_3	231114 C	G	G	Rv0195	SNP	SYNONYMOUS_CODING	gCg/gcG	A72
RG112	AL123456_3	234477 T	G	G	Rv0197	SNP	STOP_GAINED	taT/taG	Y749*
RG112	AL123456_3	234496 C	CGT	CGT	Rv0197	INDEL	FRAME_SHIFT	-/GT	-756?
RG112	AL123456_3	247749 A	G	G	Rv0207c	SNP	NON_SYNONYMOUS_CODING	Ttc/Ctc	F122L
RG112	AL123456_3	248539 A	G	G	Rv0208c	SNP	NON_SYNONYMOUS_CODING	gTg/gGg	V123A
RG112	AL123456_3	255323 G	A	A	Rv0213c	SNP	SYNONYMOUS_CODING	Ctg/Ttg	L210
RG112	AL123456_3	261869 T	C	C	Rv0218	SNP	NON_SYNONYMOUS_CODING	Tgt/Cgt	C316R
RG112	AL123456_3	265554 A	C	C	Rv0222	SNP	SYNONYMOUS_CODING	gtA/gtC	V16
RG112	AL123456_3	274683 T	G	G	Rv0229c	SNP	NON_SYNONYMOUS_CODING	Aaa/Caa	K102Q
RG112	AL123456_3	278681 C	G	G	Rv0233	SNP	NON_SYNONYMOUS_CODING	Cat/Gat	H33D
RG112	AL123456_3	283614 T	C	C	Rv0236c	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S1080G
RG112	AL123456_3	285772 A	C	C	Rv0236c	SNP	SYNONYMOUS_CODING	ccT/ccG	P360
RG112	AL123456_3	285871 A	G	G	Rv0236c	SNP	SYNONYMOUS_CODING	gtT/gtC	V327
RG112	AL123456_3	290055 C	G	G	Rv0241c	SNP	SYNONYMOUS_CODING	gCg/gcC	A200
RG112	AL123456_3	292261 G	A	A	Rv0243	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A31T
RG112	AL123456_3	293704 CTTTTT	C	C	TTTT	INDEL	INTERGENIC		
RG112	AL123456_3	310973 G	A	A	Rv0259c	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A182V
RG112	AL123456_3	311613 G	T	T	Rv0260c	SNP	SYNONYMOUS_CODING	gtC/gtA	V349
RG112	AL123456_3	315755 C	G	G	Rv0263c	SNP	SYNONYMOUS_CODING	ctC/ctG	L4
RG112	AL123456_3	316129 C	G	G	Rv0264c	SNP	NON_SYNONYMOUS_CODING	gCc/gCc	G96A
RG112	AL123456_3	328219 G	A	A	Rv0271c	SNP	SYNONYMOUS_CODING	ggC/ggT	G81
RG112	AL123456_3	331759 G	T	T	Rv0276	SNP	SYNONYMOUS_CODING	tcG/tcT	S4
RG112	AL123456_3	335956 C	T	T	Rv0278c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A119T
RG112	AL123456_3	336698 C	G	G	Rv0279c	SNP	SYNONYMOUS_CODING	ggG/ggC	G792
RG112	AL123456_3	336701 A	G	G	Rv0279c	SNP	SYNONYMOUS_CODING	ggT/ggC	G791

RG112	AL123456_3	337820	G	A	Rv0279c	SNP	SYNONYMOUS_CODING	ggC/ggT	G418
RG112	AL123456_3	338100	T	C	Rv0279c	SNP	NON_SYNONYMOUS_CODING	aAc/aGc	N3255
RG112	AL123456_3	338876	G	A	Rv0279c	SNP	SYNONYMOUS_CODING	agC/agT	S66
RG112	AL123456_3	338960	T	C	Rv0279c	SNP	SYNONYMOUS_CODING	gCa/gGc	A38
RG112	AL123456_3	338963	T	C	Rv0279c	SNP	SYNONYMOUS_CODING	acA/acG	T37
RG112	AL123456_3	338984	C	T	Rv0279c	SNP	SYNONYMOUS_CODING	gcG/gcA	A30
RG112	AL123456_3	340372	T	C	Rv0280	SNP	NON_SYNONYMOUS_CODING	TcG/CgG	S337P
RG112	AL123456_3	346275	C	G	Rv0284	SNP	NON_SYNONYMOUS_CODING	cCg/cGg	P214R
RG112	AL123456_3	356528	A	G	Rv0292	SNP	NON_SYNONYMOUS_CODING	AaT/Gat	N217D
RG112	AL123456_3	366088	A	G	Rv0303	SNP	SYNONYMOUS_CODING	gcA/gcG	A285
RG112	AL123456_3	373282	TAA	TA	Rv0305c	INDEL	FRAME_SHIFT	-	-810
RG112	AL123456_3	376774	T	C	Rv0307c	SNP	SYNONYMOUS_CODING	gcA/gcG	A94
RG112	AL123456_3	384380	A	C	Rv0315	SNP	NON_SYNONYMOUS_CODING	aAg/aCg	K260T
RG112	AL123456_3	386432	C	G	Rv0318c	SNP	NON_SYNONYMOUS_CODING	gGg/gCg	G223A
RG112	AL123456_3	387353	G	A	Rv0319	SNP	NON_SYNONYMOUS_CODING	gGc/gAc	G69D
RG112	AL123456_3	390828	T	C	Rv0323c	SNP	NON_SYNONYMOUS_CODING	Agt/Ggt	S142G
RG112	AL123456_3	401678	C	A	Rv0336	SNP	NON_SYNONYMOUS_CODING	cCc/cAc	P496H
RG112	AL123456_3	403364	G	A	Rv0338c	SNP	SYNONYMOUS_CODING	ccC/ccT	P826
RG112	AL123456_3	403920	C	T	Rv0338c	SNP	NON_SYNONYMOUS_CODING	cCc/cAc	R641H
RG112	AL123456_3	403980	G	A	Rv0338c	SNP	NON_SYNONYMOUS_CODING	gCc/gTc	A621V
RG112	AL123456_3	404326	T	C	Rv0338c	SNP	NON_SYNONYMOUS_CODING	Agg/Ggg	R506G
RG112	AL123456_3	408723	C	T	Rv0340	SNP	SYNONYMOUS_CODING	atC/atT	I30
RG112	AL123456_3	414486	C	T	Rv0344c	SNP	SYNONYMOUS_CODING	gaG/gaA	E152
RG112	AL123456_3	420008	A	G	Rv0350	SNP	SYNONYMOUS_CODING	gcA/gcG	A58
RG112	AL123456_3	424320	TCC	TCCC	Rv0354c	INDEL	FRAME_SHIFT	-/G	-124?
RG112	AL123456_3	425353	GCC	GCCC	Rv0355c	INDEL	FRAME_SHIFT	-/G	-3108?
RG112	AL123456_3	427310	GTTTGCACCTGCC	CGTAGGTTTGCACCTGCC	Rv0355c	INDEL	CODON_DELETION	ggcagtgcaaacctc/-	GSANL243I
RG112	AL123456_3	428109	GT	AGCCGGT	Rv0355c	INDEL	CODON_DELETION	accggctctcaaacaccggc	TGFYNTGD
RG112	AL123456_3	435553	C	T	Rv0357c	SNP	NON_SYNONYMOUS_CODING	gGa/gAa	G406E
RG112	AL123456_3	444351	G	T	Rv0366c	SNP	NON_SYNONYMOUS_CODING	aaC/aaA	N155K
RG112	AL123456_3	446786	G	A	Rv0369c	SNP	SYNONYMOUS_CODING	gcC/ggT	G87
RG112	AL123456_3	454295	T	C	Rv0376c	SNP	SYNONYMOUS_CODING	ccA/ccG	P26
RG112	AL123456_3	457452	T	G	Rv0381c	SNP	SYNONYMOUS_CODING	acA/acC	T124
RG112	AL123456_3	459399	A	C	none	SNP	INTERGENIC		
RG112	AL123456_3	460423	A	G	Rv0384c	SNP	NON_SYNONYMOUS_CODING	gTg/gCg	V527A
RG112	AL123456_3	467497	CGGG	CGGGG	Rv0388c	INDEL	FRAME_SHIFT	-/C	-167?
RG112	AL123456_3	467516	G	C	Rv0388c	SNP	SYNONYMOUS_CODING	tcC/tcG	S162
RG112	AL123456_3	467526	C	G	Rv0388c	SNP	NON_SYNONYMOUS_CODING	gGg/gCg	G159A
RG112	AL123456_3	467546	G	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	gaC/gaG	D152E
RG112	AL123456_3	467557	A	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	Ttg/Ttg	L149V
RG112	AL123456_3	467564	A	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	caT/caG	H146Q
RG112	AL123456_3	467585	G	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	caC/caG	H139Q
RG112	AL123456_3	467590	T	C	Rv0388c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T138A
RG112	AL123456_3	467621	T	G	Rv0388c	SNP	SYNONYMOUS_CODING	ggA/ggC	G127
RG112	AL123456_3	467638	G	T	Rv0388c	SNP	NON_SYNONYMOUS_CODING	CaG/AaG	Q122K
RG112	AL123456_3	471621	C	T	Rv0392c	SNP	NON_SYNONYMOUS_CODING	gGg/gAg	G340E
RG112	AL123456_3	472705	T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	475178	T	C	Rv0395	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V80A
RG112	AL123456_3	479632	G	T	Rv0400c	SNP	NON_SYNONYMOUS_CODING	aCc/aAc	T41N
RG112	AL123456_3	489416	G	C	Rv0405	SNP	NON_SYNONYMOUS_CODING	gGc/gCc	G1229A
RG112	AL123456_3	489935	G	C	Rv0406c	SNP	NON_SYNONYMOUS_CODING	cGg/cCg	R1402P
RG112	AL123456_3	497129	G	T	Rv0410c	SNP	SYNONYMOUS_CODING	gcC/gcA	A62
RG112	AL123456_3	498557	C	A	Rv0412c	SNP	NON_SYNONYMOUS_CODING	Gac/Tac	D355Y
RG112	AL123456_3	499798	G	A	Rv0413	SNP	STOP_GAINED	tGg/tAg	W29*
RG112	AL123456_3	502589	C	G	Rv0417	SNP	NON_SYNONYMOUS_CODING	tCc/tcC	S75C
RG112	AL123456_3	503354	G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	513257	T	C	Rv0425c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M689V
RG112	AL123456_3	534691	C	T	Rv0446c	SNP	STOP_GAINED	tgG/tgA	W175*
RG112	AL123456_3	535695	C	T	Rv0447c	SNP	SYNONYMOUS_CODING	ggG/ggA	G271
RG112	AL123456_3	541201	A	G	Rv0450c	SNP	SYNONYMOUS_CODING	ctT/ctC	L97
RG112	AL123456_3	546827	C	T	none	SNP	INTERGENIC		
RG112	AL123456_3	551525	A	C	Rv0459	SNP	SYNONYMOUS_CODING	Aga/Cga	R110
RG112	AL123456_3	558501	C	T	Rv0467	SNP	SYNONYMOUS_CODING	gaC/gaT	D325
RG112	AL123456_3	563420	T	G	Rv0472c	SNP	NON_SYNONYMOUS_CODING	gAg/gGg	E3G
RG112	AL123456_3	573262	A	C	Rv0484c	SNP	SYNONYMOUS_CODING	ggT/ggC	G180
RG112	AL123456_3	580773	GCGGGGAG	GG	none	INDEL	INTERGENIC		
RG112	AL123456_3	584438	G	A	Rv0493c	SNP	NON_SYNONYMOUS_CODING	Ccc/Tcc	P855
RG112	AL123456_3	589536	G	A	Rv0499	SNP	SYNONYMOUS_CODING	ctG/cta	L118
RG112	AL123456_3	590436	T	C	Rv0500	SNP	SYNONYMOUS_CODING	gcT/gcC	A118
RG112	AL123456_3	595192	G	A	Rv0504c	SNP	SYNONYMOUS_CODING	gaC/gaT	D37
RG112	AL123456_3	597816	A	G	Rv0507	SNP	SYNONYMOUS_CODING	gcA/gcG	A206
RG112	AL123456_3	598475	G	A	Rv0507	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R426H
RG112	AL123456_3	603122	C	T	Rv0511	SNP	SYNONYMOUS_CODING	Ctg/Ttg	L102
RG112	AL123456_3	610120	T	G	none	SNP	INTERGENIC		
RG112	AL123456_3	623472	A	G	Rv0532	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D227G
RG112	AL123456_3	623508	C	G	Rv0532	SNP	NON_SYNONYMOUS_CODING	gCc/gCc	A239G
RG112	AL123456_3	637319	G	A	Rv0545c	SNP	NON_SYNONYMOUS_CODING	Cct/Tct	P495
RG112	AL123456_3	637922	C	T	Rv0546c	SNP	SYNONYMOUS_CODING	caG/caA	Q16
RG112	AL123456_3	648002	T	G	Rv0556	SNP	NON_SYNONYMOUS_CODING	cTc/cGc	L15R
RG112	AL123456_3	664249	C	T	Rv0571c	SNP	SYNONYMOUS_CODING	caG/caA	Q190
RG112	AL123456_3	665293	A	G	Rv0572c	SNP	NON_SYNONYMOUS_CODING	Ttc/Ctc	F31L
RG112	AL123456_3	669398	T	C	Rv0575c	SNP	SYNONYMOUS_CODING	caA/caG	Q116
RG112	AL123456_3	671876	G	A	Rv0577	SNP	SYNONYMOUS_CODING	tcG/tcA	S237
RG112	AL123456_3	672491	C	G	Rv0578c	SNP	SYNONYMOUS_CODING	ggG/ggC	G1142
RG112	AL123456_3	673238	A	T	Rv0578c	SNP	SYNONYMOUS_CODING	caT/caC	H893
RG112	AL123456_3	675673	C	G	Rv0578c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A82T
RG112	AL123456_3	682203	A	G	Rv0585c	SNP	NON_SYNONYMOUS_CODING	aTa/aCa	I457T
RG112	AL123456_3	685461	C	G	Rv0587	SNP	SYNONYMOUS_CODING	gcc/gcG	A111
RG112	AL123456_3	685608	T	C	Rv0587	SNP	SYNONYMOUS_CODING	ctT/ctC	L160
RG112	AL123456_3	686972	T	C	Rv0589	SNP	NON_SYNONYMOUS_CODING	tTc/tcG	F51S
RG112	AL123456_3	690465	T	G	Rv0591	SNP	SYNONYMOUS_CODING	ctT/ctC	L469
RG112	AL123456_3	698968	G	A	Rv0601c	SNP	SYNONYMOUS_CODING	ggC/ggT	G9
RG112	AL123456_3	709226	G	A	Rv0613c	SNP	NON_SYNONYMOUS_CODING	aCc/atC	T97I
RG112	AL123456_3	726703	C	A	Rv0631c	SNP	NON_SYNONYMOUS_CODING	aGg/aTg	R535M

RG112	AL123456_3	731027 T	C	Rv0634c	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K3E
RG112	AL123456_3	736710 T	C	Rv0642c	SNP	NON_SYNONYMOUS_CODING	aAc/aGc	N165S
RG112	AL123456_3	750829 G	A	Rv0654	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R277H
RG112	AL123456_3	752343 A	G	Rv0655	SNP	NON_SYNONYMOUS_CODING	gAg/gGg	E276G
RG112	AL123456_3	752802 A	C	none	SNP	INTERGENIC		
RG112	AL123456_3	754186 A	G	Rv0658c	SNP	NON_SYNONYMOUS_CODING	cTc/cCc	L75P
RG112	AL123456_3	761119 ACCC	ACCCCGAGAACATCCC	Rv0667	INDEL	CODON_CHANGE_PLUS_CODON_IN	ccg/ccCGAACATCCC	P439PQNF
RG112	AL123456_3	764995 C	G	Rv0668	SNP	SYNONYMOUS_CODING	gcC/gcG	A542
RG112	AL123456_3	769358 CAAA	CAAAAA	Rv0669c	INDEL	FRAME_SHIFT	-/TT	-79?
RG112	AL123456_3	769663 T	G	none	SNP	INTERGENIC		
RG112	AL123456_3	773809 G	A	Rv0673	SNP	SYNONYMOUS_CODING	gaG/gaA	E229
RG112	AL123456_3	775639 T	C	Rv0676c	SNP	NON_SYNONYMOUS_CODING	Att/Git	I948V
RG112	AL123456_3	781395 T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	796509 G	T	Rv0696	SNP	NON_SYNONYMOUS_CODING	Ggc/Tgc	G331C
RG112	AL123456_3	812808 G	A	Rv0717	SNP	STOP_GAINED	tGg/tAg	W61*
RG112	AL123456_3	820483 G	T	Rv0727c	SNP	NON_SYNONYMOUS_CODING	gCc/gAc	A6D
RG112	AL123456_3	836291 A	G	Rv0746	SNP	SYNONYMOUS_CODING	ggA/ggG	G197
RG112	AL123456_3	836426 A	C	Rv0746	SNP	SYNONYMOUS_CODING	ctA/ctC	L242
RG112	AL123456_3	836454 A	G	Rv0746	SNP	NON_SYNONYMOUS_CODING	Act/Gct	T252A
RG112	AL123456_3	836538 A	G	Rv0746	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N280D
RG112	AL123456_3	836658 A	G	Rv0746	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T320A
RG112	AL123456_3	837033 A	G	Rv0746	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T445A
RG112	AL123456_3	841764 G	C	Rv0749A	SNP	SYNONYMOUS_CODING	acC/acG	T37
RG112	AL123456_3	852910 C	T	Rv0758	SNP	NON_SYNONYMOUS_CODING	cCc/cTc	P172L
RG112	AL123456_3	854252 G	G	none	INDEL	INTERGENIC		
RG112	AL123456_3	854252 G	GC	GC				
RG112	AL123456_3	857696 A	G	Rv0764c	SNP	SYNONYMOUS_CODING	gct/gcC	A114
RG112	AL123456_3	880562 G	T	Rv0785	SNP	NON_SYNONYMOUS_CODING	tGc/tTc	C408F
RG112	AL123456_3	882257 T	C	Rv0787	SNP	NON_SYNONYMOUS_CODING	Tac/Cac	Y267H
RG112	AL123456_3	885542 G	C	Rv0791c	SNP	NON_SYNONYMOUS_CODING	TcC/tGc	S100C
RG112	AL123456_3	889020 GT	G	none	INDEL	INTERGENIC		
RG112	AL123456_3	893733 T	C	Rv0800	SNP	NON_SYNONYMOUS_CODING	cTg/cGg	L139R
RG112	AL123456_3	895260 G	C	Rv0802c	SNP	SYNONYMOUS_CODING	ggC/ggG	G123
RG112	AL123456_3	900221 T	C	Rv0806c	SNP	SYNONYMOUS_CODING	gtA/gtG	V370
RG112	AL123456_3	901097 A	G	Rv0806c	SNP	SYNONYMOUS_CODING	cgT/cgC	R78
RG112	AL123456_3	903550 T	C	Rv0808	SNP	SYNONYMOUS_CODING	gct/gcC	A480
RG112	AL123456_3	903913 T	C	Rv0809	SNP	SYNONYMOUS_CODING	ggT/ggC	G63
RG112	AL123456_3	906857 A	G	Rv0812	SNP	NON_SYNONYMOUS_CODING	atA/atG	I145M
RG112	AL123456_3	911946 C	T	Rv0819	SNP	NON_SYNONYMOUS_CODING	Cgg/Tgg	R71W
RG112	AL123456_3	917366 T	C	Rv0823c	SNP	NON_SYNONYMOUS_CODING	gAt/gtG	D94G
RG112	AL123456_3	919393 G	C	Rv0825c	SNP	NON_SYNONYMOUS_CODING	aCa/aGa	T54R
RG112	AL123456_3	921813 C	G	Rv0829	SNP	NON_SYNONYMOUS_CODING	gCa/gaA	A80G
RG112	AL123456_3	925274 C	G	Rv0832	SNP	SYNONYMOUS_CODING	ccC/ccG	P108
RG112	AL123456_3	928691 C	T	Rv0834c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A599T
RG112	AL123456_3	934120 G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	942479 T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	944862 G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	945214 G	A	Rv0848	SNP	NON_SYNONYMOUS_CODING	Ggt/AgT	G93S
RG112	AL123456_3	947429 T	A	Rv0850	SNP	NON_SYNONYMOUS_CODING	Tcg/ACg	S40T
RG112	AL123456_3	947430 C	A	Rv0850	SNP	STOP_GAINED	tCb/tAg	S40*
RG112	AL123456_3	949535 T	C	Rv0853c	SNP	SYNONYMOUS_CODING	gAc/gcG	A528
RG112	AL123456_3	955524 A	G	Rv0859	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S150G
				AGCCGGGTTGGCCGGT				
RG112	AL123456_3	968426 AGCCGGTGGCCGG	TGGCCGG	Rv0872c	INDEL	CODON_INSERTION	-/CCGGCCAAC	-602PAN
				TGGGGGGGGGG,TGGGG				
RG112	AL123456_3	976897 TGGGGGGGGG	GGGGGGG	Rv0878c	INDEL	FRAME_SHIFT	-/CC	-433?
RG112	AL123456_3	979704 G	C	Rv0881	SNP	NON_SYNONYMOUS_CODING	Ggc/Cgc	G115R
RG112	AL123456_3	982061 G	A	Rv0884c	SNP	NON_SYNONYMOUS_CODING	cCc/cTg	P165L
RG112	AL123456_3	986463 G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	990001 G	C	Rv0890c	SNP	NON_SYNONYMOUS_CODING	Ccc/Gcc	P866A
RG112	AL123456_3	993346 A	C	Rv0891c	SNP	NON_SYNONYMOUS_CODING	gTt/gTt	V37G
RG112	AL123456_3	1012376 C	T	Rv0908	SNP	SYNONYMOUS_CODING	Ctg/Tgt	L216
RG112	AL123456_3	1016995 T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	1025106 T	C	Rv0919	SNP	SYNONYMOUS_CODING	ttT/ttC	F141
RG112	AL123456_3	1037012 T	C	Rv0930	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M5T
RG112	AL123456_3	1037911 C	T	Rv0930	SNP	STOP_GAINED	Cga/Tga	R305*
RG112	AL123456_3	1043344 C	C	Rv0935	SNP	NON_SYNONYMOUS_CODING	Cgg/Ggg	R16G
RG112	AL123456_3	1047165 T	C	Rv0938	SNP	NON_SYNONYMOUS_CODING	Tgc/Cgc	C344R
RG112	AL123456_3	1057788 T	G	Rv0948c	SNP	NON_SYNONYMOUS_CODING	aAg/aCg	K59T
RG112	AL123456_3	1068151 T	C	Rv0956	SNP	SYNONYMOUS_CODING	caT/caC	H197
RG112	AL123456_3	1068432 A	G	Rv0957	SNP	SYNONYMOUS_CODING	ccA/ccG	P76
RG112	AL123456_3	1070702 T	C	Rv0958	SNP	NON_SYNONYMOUS_CODING	Tcc/Ccc	S274P
RG112	AL123456_3	1073033 T	G	Rv0959	SNP	SYNONYMOUS_CODING	ggT/ggG	G593
RG112	AL123456_3	1074558 G	A	Rv0962c	SNP	NON_SYNONYMOUS_CODING	cCc/cTc	P186L
RG112	AL123456_3	1075279 T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	1076309 G	T	Rv0964c	SNP	NON_SYNONYMOUS_CODING	Cct/Act	P124T
RG112	AL123456_3	1077312 A	G	Rv0966c	SNP	NON_SYNONYMOUS_CODING	gTg/gcG	V175A
RG112	AL123456_3	1079927 C	A	Rv0969	SNP	SYNONYMOUS_CODING	acC/acA	T395
RG112	AL123456_3	1081681 T	C	Rv0970	SNP	SYNONYMOUS_CODING	gtT/gtC	V210
RG112	AL123456_3	1084462 C	T	Rv0973c	SNP	NON_SYNONYMOUS_CODING	cGt/cAt	R430H
RG112	AL123456_3	1087193 G	C	Rv0974c	SNP	NON_SYNONYMOUS_CODING	aaC/aaG	N51K
RG112	AL123456_3	1087279 T	C	Rv0974c	SNP	NON_SYNONYMOUS_CODING	Aag/Gag	K23E
RG112	AL123456_3	1093322 C	T	none	SNP	INTERGENIC		
RG112	AL123456_3	1093406 A	G	Rv0978c	SNP	SYNONYMOUS_CODING	gtT/gtC	V317
RG112	AL123456_3	1095855 A	G	Rv0980c	SNP	SYNONYMOUS_CODING	ggT/ggC	G199
RG112	AL123456_3	1096398 C	T	Rv0980c	SNP	SYNONYMOUS_CODING	gCc/gcG	A18
RG112	AL123456_3	1100234 T	C	Rv0983	SNP	NON_SYNONYMOUS_CODING	cTg/cGg	L390P
RG112	AL123456_3	1103249 C	T	Rv0987	SNP	SYNONYMOUS_CODING	gcC/gcT	A236
RG112	AL123456_3	1106422 T	C	Rv0989c	SNP	NON_SYNONYMOUS_CODING	Ata/Gta	I321V
RG112	AL123456_3	1107434 A	T	none	SNP	INTERGENIC		
RG112	AL123456_3	1107917 G	T	Rv0990c	SNP	NON_SYNONYMOUS_CODING	caC/caA	H61Q
RG112	AL123456_3	1109975 A	G	Rv0993	SNP	NON_SYNONYMOUS_CODING	cAg/cGg	Q235R
RG112	AL123456_3	1126889 G	C	Rv1007c	SNP	NON_SYNONYMOUS_CODING	Cgc/Ggc	R39G
RG112	AL123456_3	1127648 C	A	Rv1008	SNP	NON_SYNONYMOUS_CODING	aCc/aAc	T187N
RG112	AL123456_3	1142266 A	C	Rv1020	SNP	SYNONYMOUS_CODING	ctA/ctC	L1100
RG112	AL123456_3	1144664 G	A	Rv1023	SNP	NON_SYNONYMOUS_CODING	cGg/cAg	R34Q
RG112	AL123456_3	1149551 C	T	Rv1028c	SNP	SYNONYMOUS_CODING	gaG/gaA	E712
RG112	AL123456_3	1150585 G	A	Rv1028c	SNP	NON_SYNONYMOUS_CODING	Ccc/Tcc	P368S
RG112	AL123456_3	1159066 C	T	Rv1034c	SNP	NON_SYNONYMOUS_CODING	cGg/cAg	R81Q
RG112	AL123456_3	1161029 C	G	Rv1038c	SNP	SYNONYMOUS_CODING	tcG/tCc	S41
RG112	AL123456_3	1161032 G	A	Rv1038c	SNP	SYNONYMOUS_CODING	atC/atT	I40
RG112	AL123456_3	1162274 C	T	Rv1039c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A67T

RG112	AL123456_3	1651306 C	T	Rv1463	SNP	SYNONYMOUS_CODING	gcC/gcT	A197
RG112	AL123456_3	1676290 C	A	Rv1486c	SNP	NON_SYNONYMOUS_CODING	aaG/aaT	K198N
RG112	AL123456_3	1689349 C	T	Rv1498c	SNP	NON_SYNONYMOUS_CODING	cCg/cAc	R191H
RG112	AL123456_3	1692141 A	C	Rv1501	SNP	SYNONYMOUS_CODING	atA/atC	I84
RG112	AL123456_3	1692795 G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	1693561 A	G	Rv1502	SNP	NON_SYNONYMOUS_CODING	tAc/tGc	Y213C
RG112	AL123456_3	1697399 T	A	Rv1507c	SNP	NON_SYNONYMOUS_CODING	aTt/aAt	I15N
RG112	AL123456_3	1698911 G	A	Rv1508c	SNP	SYNONYMOUS_CODING	ggC/ggT	G328
RG112	AL123456_3	1705109 G	C	Rv1513	SNP	NON_SYNONYMOUS_CODING	Gtg/Ctg	V18L
RG112	AL123456_3	1706119 T	C	Rv1514c	SNP	SYNONYMOUS_CODING	tcA/tcG	S159
RG112	AL123456_3	1716627 G	A	Rv1522c	SNP	NON_SYNONYMOUS_CODING	cCg/cTg	P329L
RG112	AL123456_3	1718761 C	T	Rv1524	SNP	SYNONYMOUS_CODING	ggC/ggT	G12
RG112	AL123456_3	1728837 A	G	none	SNP	INTERGENIC		
RG112	AL123456_3	1734994 C	T	Rv1534	SNP	SYNONYMOUS_CODING	gcc/cgcT	A87
RG112	AL123456_3	1740771 A	C	Rv1537	SNP	NON_SYNONYMOUS_CODING	Acc/Ccc	T306P
RG112	AL123456_3	1752561 T	C	Rv1548c	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D258G
RG112	AL123456_3	1753519 GCCCC	GCCCC	Rv1549	INDEL	FRAME_SHIFT	-/C	-5?
RG112	AL123456_3	1755519 G	T	Rv1551	SNP	NON_SYNONYMOUS_CODING	atG/atT	M25I
RG112	AL123456_3	1759252 G	T	Rv1552	SNP	SYNONYMOUS_CODING	tcG/tcT	S524
RG112	AL123456_3	1760165 G	A	Rv1553	SNP	STOP_GAINED	tGg/tAg	W244*
RG112	AL123456_3	1760292 A	A	Rv1554	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M40V
RG112	AL123456_3	1772892 T	C	Rv1565c	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D313G
RG112	AL123456_3	1777213 C	G	Rv1569	SNP	NON_SYNONYMOUS_CODING	gCc/gGc	A171G
RG112	AL123456_3	1778430 T	C	Rv1570	SNP	NON_SYNONYMOUS_CODING	aTg/aCg	M191T
RG112	AL123456_3	1779243 T	G	Rv1572c	SNP	NON_SYNONYMOUS_CODING	cAc/cCc	H19P
RG112	AL123456_3	1793769 C	T	none	SNP	INTERGENIC		
RG112	AL123456_3	1794883 A	G	Rv1594	SNP	NON_SYNONYMOUS_CODING	cAt/cTc	H43R
RG112	AL123456_3	1797027 C	T	Rv1595	SNP	NON_SYNONYMOUS_CODING	aCc/aTt	T408I
RG112	AL123456_3	1798355 G	A	Rv1597	SNP	NON_SYNONYMOUS_CODING	gGt/gAt	G21D
RG112	AL123456_3	1803265 G	A	Rv1602	SNP	NON_SYNONYMOUS_CODING	aGc/aAc	S201N
RG112	AL123456_3	1804409 C	A	Rv1604	SNP	NON_SYNONYMOUS_CODING	cCa/cAa	P124Q
RG112	AL123456_3	1805948 C	T	Rv1606	SNP	NON_SYNONYMOUS_CODING	aCc/aTt	T99I
RG112	AL123456_3	1810353 G	A	Rv1611	SNP	SYNONYMOUS_CODING	ccG/ccA	P38
RG112	AL123456_3	1815604 G	A	Rv1615	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A118T
RG112	AL123456_3	1817976 A	T	Rv1618	SNP	NON_SYNONYMOUS_CODING	cAc/cTt	H121L
RG112	AL123456_3	1836286 G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	1847919 C	G	Rv1639c	SNP	SYNONYMOUS_CODING	acG/acC	T180
RG112	AL123456_3	1854300 T	C	Rv1644	SNP	NON_SYNONYMOUS_CODING	cTg/cCg	L232P
RG112	AL123456_3	1856777 G	C	Rv1647	SNP	NON_SYNONYMOUS_CODING	Gcg/Ccg	A2P
RG112	AL123456_3	1882551 G	C	Rv1662	SNP	NON_SYNONYMOUS_CODING	cGg/cCg	R283P
RG112	AL123456_3	1882965 T	C	Rv1662	SNP	NON_SYNONYMOUS_CODING	tTg/tCg	L421S
RG112	AL123456_3	1885115 C	T	Rv1662	SNP	STOP_GAINED	Caa/Taa	Q1138*
RG112	AL123456_3	1885772 G	A	Rv1662	SNP	NON_SYNONYMOUS_CODING	Gcc/Aac	A1357T
RG112	AL123456_3	1891437 T	C	Rv1665	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I71T
RG112	AL123456_3	1894301 G	GT	Rv1668c	INDEL	FRAME_SHIFT	-/A	-347?
RG112	AL123456_3	1895174 C	C	Rv1668c	SNP	NON_SYNONYMOUS_CODING	Gac/Aac	D57N
RG112	AL123456_3	1899351 T	C	Rv1674c	SNP	NON_SYNONYMOUS_CODING	gAa/gGa	E189G
RG112	AL123456_3	1901493 T	C	Rv1676	SNP	SYNONYMOUS_CODING	agT/agC	S149
RG112	AL123456_3	1907296 G	C	Rv1682	SNP	SYNONYMOUS_CODING	gcG/gcC	A298
RG112	AL123456_3	1917972 A	G	Rv1694	SNP	SYNONYMOUS_CODING	ctA/ctG	L11
RG112	AL123456_3	1931179 C	A	Rv1704c	SNP	NON_SYNONYMOUS_CODING	cGg/cTg	R93L
RG112	AL123456_3	1931769 C	T	Rv1705c	SNP	NON_SYNONYMOUS_CODING	Gga/Aga	G296R
RG112	AL123456_3	1933988 G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	1943039 C	T	Rv1715	SNP	SYNONYMOUS_CODING	atC/atT	I127
RG112	AL123456_3	1943592 C	T	Rv1716	SNP	NON_SYNONYMOUS_CODING	cCc/cTt	P6L
RG112	AL123456_3	1944107 A	G	Rv1716	SNP	NON_SYNONYMOUS_CODING	AgT/agC	S178G
RG112	AL123456_3	1944402 T	C	Rv1716	SNP	NON_SYNONYMOUS_CODING	gTc/gTc	V276A
RG112	AL123456_3	1947903 G	C	Rv1722	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V15L
RG112	AL123456_3	1950767 T	C	Rv1724c	SNP	SYNONYMOUS_CODING	aaA/aaG	K95
RG112	AL123456_3	1960284 C	A	Rv1733c	SNP	NON_SYNONYMOUS_CODING	caG/caT	Q68H
RG112	AL123456_3	1967237 C	A	Rv1739c	SNP	NON_SYNONYMOUS_CODING	cGa/cTa	R134L
RG112	AL123456_3	1981056 C	T	none	SNP	INTERGENIC		
RG112	AL123456_3	1983313 T	G	Rv1753c	SNP	NON_SYNONYMOUS_CODING	aAc/aCc	N488T
RG112	AL123456_3	1986625 TCATC	TTGCATC	Rv1754c	INDEL	FRAME_SHIFT	-/CA	-15?
		AGAGAGGACTTCATCGAT						
RG112	AL123456_3	1989057 GCGCTG	AG	Rv1758	INDEL	FRAME_SHIFT	-	-6
RG112	AL123456_3	1990919 G	C	Rv1759c	SNP	NON_SYNONYMOUS_CODING	ttC/ttG	F553L
RG112	AL123456_3	1993808 A	T	Rv1760	SNP	NON_SYNONYMOUS_CODING	gAg/gTg	E219V
RG112	AL123456_3	1993821 G	C	Rv1760	SNP	SYNONYMOUS_CODING	tcG/tcc	S223
RG112	AL123456_3	1996100 C	CAGT	none	INDEL	INTERGENIC		
RG112	AL123456_3	2014333 C	T	Rv1779c	SNP	SYNONYMOUS_CODING	gtG/gtA	V49
RG112	AL123456_3	2022868 T	C	Rv1783	SNP	SYNONYMOUS_CODING	agT/agC	S1204
RG112	AL123456_3	2026008 C	G	Rv1787	SNP	NON_SYNONYMOUS_CODING	ttC/ttG	F236L
RG112	AL123456_3	2026031 TC	T	Rv1787	INDEL	FRAME_SHIFT	-	-244
RG112	AL123456_3	2030942 G	A	Rv1793	SNP	SYNONYMOUS_CODING	gcG/gcA	A83
RG112	AL123456_3	2037716 T	C	Rv1798	SNP	SYNONYMOUS_CODING	cgt/cgC	R339
RG112	AL123456_3	2041409 A	G	Rv1800	SNP	NON_SYNONYMOUS_CODING	Att/Gtt	I653V
RG112	AL123456_3	2045310 A	G	Rv1803c	SNP	SYNONYMOUS_CODING	atT/atC	I511
RG112	AL123456_3	2049065 T	C	Rv1807	SNP	NON_SYNONYMOUS_CODING	tTt/tCc	F223S
RG112	AL123456_3	2049097 G	C	Rv1807	SNP	NON_SYNONYMOUS_CODING	Gtc/Ctc	V234L
RG112	AL123456_3	2051746 T	C	Rv1809	SNP	SYNONYMOUS_CODING	gcT/gcC	A155
RG112	AL123456_3	2052035 G	T	Rv1809	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V252L
RG112	AL123456_3	2053411 G	C	none	SNP	INTERGENIC		
RG112	AL123456_3	2053682 C	T	Rv1811	SNP	SYNONYMOUS_CODING	atC/atT	I80
RG112	AL123456_3	2054025 G	T	Rv1811	SNP	NON_SYNONYMOUS_CODING	Gcc/Tcc	A195S
RG112	AL123456_3	2055271 A	G	Rv1812c	SNP	NON_SYNONYMOUS_CODING	cTa/cCa	L30P
RG112	AL123456_3	2057774 A	T	Rv1815	SNP	NON_SYNONYMOUS_CODING	Atc/Ttc	I83F
RG112	AL123456_3	2068080 G	A	Rv1821	SNP	NON_SYNONYMOUS_CODING	Gac/Aac	D542N
RG112	AL123456_3	2074509 C	G	none	SNP	INTERGENIC		
RG112	AL123456_3	2074565 C	G	none	SNP	INTERGENIC		
RG112	AL123456_3	2077253 G	A	Rv1832	SNP	SYNONYMOUS_CODING	acG/acA	T459
RG112	AL123456_3	2094911 ACAGCGTCAGCGTCAG	ACAGCGTCAG	Rv1844c	INDEL	CODON_DELETION	actgacgct/act	TDA88T
RG112	AL123456_3	2096186 A	G	Rv1846c	SNP	SYNONYMOUS_CODING	act/acC	T138
RG112	AL123456_3	2097990 A	C	Rv1850	SNP	SYNONYMOUS_CODING	gcA/gcC	A10
RG112	AL123456_3	2100658 G	C	Rv1852	SNP	NON_SYNONYMOUS_CODING	Gac/Tac	D107Y
RG112	AL123456_3	2108141 T	T	Rv1860	SNP	NON_SYNONYMOUS_CODING	Ttc/Ctc	F136L
RG112	AL123456_3	2116903 C	T	Rv1867	SNP	SYNONYMOUS_CODING	ggC/ggT	G380
RG112	AL123456_3	2123169 T	G	none	SNP	INTERGENIC		
RG112	AL123456_3	2128870 A	G	Rv1878	SNP	SYNONYMOUS_CODING	ctA/ctG	L283
RG112	AL123456_3	2128908 C	T	Rv1878	SNP	NON_SYNONYMOUS_CODING	tCc/ttC	S296F
RG112	AL123456_3	2131639 C	T	Rv1880c	SNP	SYNONYMOUS_CODING	ctG/ctA	L73

RG112	AL123456_3	2598400 A	G	Rv2326c	SNP	SYNONYMOUS_CODING	aaT/aaC	N516	
RG112	AL123456_3	2605826 A	C	Rv2332	SNP	NON_SYNONYMOUS_CODING	gAg/gCc	E240A	
RG112	AL123456_3	2612632 C	A	Rv2337c	SNP	NON_SYNONYMOUS_CODING	gGc/gTc	G119V	
RG112	AL123456_3	2621058 G	A	Rv2343c	SNP	SYNONYMOUS_CODING	ccC/ccT	P465	
RG112	AL123456_3	2641556 A	C	Rv2358	SNP	NON_SYNONYMOUS_CODING	gAg/gGc	E104A	
RG112	AL123456_3	2654371 G	A	Rv2374c	SNP	SYNONYMOUS_CODING	aaC/aaT	N241	
RG112	AL123456_3	2656225 A	G	Rv2377c	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V69A	
RG112	AL123456_3	2660319 C	G	Rv2379c	SNP	NON_SYNONYMOUS_CODING	gaG/gaC	E589D	
RG112	AL123456_3	2680658 T	G	none	SNP	INTERGENIC			
RG112	AL123456_3	2683137 G	A	Rv2388c	SNP	SYNONYMOUS_CODING	ccC/ccT	P2	
RG112	AL123456_3	2695378 C	G	Rv2398c	SNP	NON_SYNONYMOUS_CODING	gGc/gCc	G141A	
			ACAGCGACCATATCGCGG						
RG112	AL123456_3	2704884 AC	AGCTC	Rv2407	INDEL	CODON_INSERTION	-/AGCGACCATATCGCCG	-64SDHIAEI	
RG112	AL123456_3	2713795 C	T	none	SNP	INTERGENIC			
RG112	AL123456_3	2718852 T	G	none	SNP	INTERGENIC			
RG112	AL123456_3	2734074 T	C	Rv2436	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V282A	
RG112	AL123456_3	2736434 C	A	Rv2438c	SNP	NON_SYNONYMOUS_CODING	cGg/cTg	R133L	
RG112	AL123456_3	2745041 G	T	none	SNP	INTERGENIC			
RG112	AL123456_3	2745889 C	T	Rv2446c	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A84T	
RG112	AL123456_3	2751804 C	A	Rv2450c	SNP	NON_SYNONYMOUS_CODING	cGg/cAg	R126Q	
RG112	AL123456_3	2752698 C	T	none	SNP	INTERGENIC			
RG112	AL123456_3	2760152 A	G	Rv2458	SNP	NON_SYNONYMOUS_CODING	tAc/tGc	Y125C	
RG112	AL123456_3	2779136 T	C	Rv2476c	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S1043G	
RG112	AL123456_3	2784613 A	G	none	SNP	INTERGENIC			
RG112	AL123456_3	2786952 A	G	Rv2482c	SNP	NON_SYNONYMOUS_CODING	Tgc/Cgc	C778R	
RG112	AL123456_3	2809362 G	T	Rv2495c	SNP	NON_SYNONYMOUS_CODING	gCc/gAc	A193D	
RG112	AL123456_3	2809621 T	C	Rv2495c	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T107A	
RG112	AL123456_3	2814961 G	A	Rv2501c	SNP	SYNONYMOUS_CODING	ggC/ggT	G640	
RG112	AL123456_3	2818837 A	G	Rv2503c	SNP	SYNONYMOUS_CODING	ggT/ggC	G97	
RG112	AL123456_3	2820548 C	T	Rv2505c	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R350H	
RG112	AL123456_3	2821342 C	T	Rv2505c	SNP	SYNONYMOUS_CODING	gcG/gcA	A85	
RG112	AL123456_3	2827984 G	T	none	SNP	INTERGENIC			
RG112	AL123456_3	2828019 T	C	none	SNP	INTERGENIC			
RG112	AL123456_3	2830525 C	A	Rv2513	SNP	NON_SYNONYMOUS_CODING	aCg/aAg	T122K	
RG112	AL123456_3	2839983 G	A	none	SNP	INTERGENIC			
RG112	AL123456_3	2844132 G	T	Rv2524c	SNP	NON_SYNONYMOUS_CODING	cCg/cAg	P1734Q	
RG112	AL123456_3	2855259 A	G	Rv2531c	SNP	SYNONYMOUS_CODING	gCt/gcT	A841	
RG112	AL123456_3	2858835 G	A	Rv2534c	SNP	SYNONYMOUS_CODING	gcC/gcT	A152	
RG112	AL123456_3	2865760 A	G	Rv2542	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T211A	
RG112	AL123456_3	2865882 T	C	Rv2542	SNP	SYNONYMOUS_CODING	gtT/gtC	V251	
RG112	AL123456_3	2871048 C	T	Rv2551c	SNP	SYNONYMOUS_CODING	ctG/ctA	L49	
RG112	AL123456_3	2877399 G	A	Rv2557	SNP	NON_SYNONYMOUS_CODING	Ggc/Agc	A110T	
RG112	AL123456_3	2880702 G	C	Rv2560	SNP	NON_SYNONYMOUS_CODING	Gtc/Ctc	V210L	
RG112	AL123456_3	2881455 A	G	Rv2561	SNP	NON_SYNONYMOUS_CODING	tAc/tGc	Y16C	
RG112	AL123456_3	2881597 AGGGGGG	AGGGGG	Rv2561	INDEL	FRAME_SHIFT	-	-65	
RG112	AL123456_3	2881631 GCCCC	GCCCC	Rv2561	INDEL	FRAME_SHIFT	-	-76	
RG112	AL123456_3	2885649 G	T	Rv2565	SNP	NON_SYNONYMOUS_CODING	Gct/Tct	A347S	
RG112	AL123456_3	2888201 T	C	Rv2566	SNP	NON_SYNONYMOUS_CODING	cTc/cCc	L610P	
RG112	AL123456_3	2889633 T	C	Rv2566	SNP	SYNONYMOUS_CODING	gCt/gcC	A108T	
RG112	AL123456_3	2891267 C	T	Rv2567	SNP	SYNONYMOUS_CODING	ggC/ggT	G491	
RG112	AL123456_3	2891728 A	G	Rv2567	SNP	NON_SYNONYMOUS_CODING	cAg/ccG	Q645R	
RG112	AL123456_3	2893238 C	A	Rv2568c	SNP	SYNONYMOUS_CODING	cgG/cgT	R78	
RG112	AL123456_3	2894208 G	A	Rv2569c	SNP	SYNONYMOUS_CODING	agC/agT	S67	
RG112	AL123456_3	2910461 G	T	Rv2584c	SNP	NON_SYNONYMOUS_CODING	gCb/gAg	A147E	
RG112	AL123456_3	2911293 C	G	Rv2585c	SNP	NON_SYNONYMOUS_CODING	tGt/tCt	C462S	
RG112	AL123456_3	2912294 T	G	Rv2585c	SNP	SYNONYMOUS_CODING	gcA/gcC	A128	
RG112	AL123456_3	2923391 T	C	Rv2592c	SNP	SYNONYMOUS_CODING	ccA/ccG	P281	
RG112	AL123456_3	2927939 T	C	none	SNP	INTERGENIC			
RG112	AL123456_3	2939373 G	C	Rv2611c	SNP	NON_SYNONYMOUS_CODING	tCt/tGt	S197C	
RG112	AL123456_3	2939657 T	C	Rv2611c	SNP	NON_SYNONYMOUS_CODING	atA/atG	I102M	
RG112	AL123456_3	2954439 T	C	Rv2627c	SNP	NON_SYNONYMOUS_CODING	Agg/Ggg	R104G	
RG112	AL123456_3	2960231 G	T	Rv2634c	SNP	SYNONYMOUS_CODING	ggC/ggA	G737	
RG112	AL123456_3	2968913 T	C	none	SNP	INTERGENIC			
RG112	AL123456_3	2972108 G	A	none	SNP	INTERGENIC			
RG112	AL123456_3	2973463 ATC	ATCTTC	none	INDEL	INTERGENIC			
RG112	AL123456_3	2974933 A	G	Rv2650c	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I101T	
RG112	AL123456_3	2976313 A	G	Rv2652c	SNP	NON_SYNONYMOUS_CODING	tTc/tCc	F81S	
RG112	AL123456_3	2984740 A	G	Rv2668	SNP	NON_SYNONYMOUS_CODING	cAc/cGc	H3R	
RG112	AL123456_3	2991916 A	G	Rv2675c	SNP	SYNONYMOUS_CODING	ccT/ccC	P7	
RG112	AL123456_3	2996026 A	C	none	SNP	INTERGENIC			
RG112	AL123456_3	3004091 G	A	Rv2687c	SNP	NON_SYNONYMOUS_CODING	Cgg/Tgg	R220W	
RG112	AL123456_3	3005185 G	T	Rv2688c	SNP	NON_SYNONYMOUS_CODING	Ccc/Acc	P156T	
RG112	AL123456_3	3009692 A	G	Rv2691	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T117A	
RG112	AL123456_3	3017465 T	C	Rv2702	SNP	NON_SYNONYMOUS_CODING	aTa/aCa	I203T	
RG112	AL123456_3	3029610 G	A	Rv2716	SNP	NON_SYNONYMOUS_CODING	Gcg/Agc	A147T	
RG112	AL123456_3	3040838 C	T	Rv2728c	SNP	SYNONYMOUS_CODING	ccG/ccA	P208	
RG112	AL123456_3	3041871 G	T	Rv2729c	SNP	NON_SYNONYMOUS_CODING	gCg/gAg	A202E	
RG112	AL123456_3	3054081 A	G	Rv2741	SNP	SYNONYMOUS_CODING	ggA/ggG	G56	
RG112	AL123456_3	3054321 A	G	Rv2741	SNP	SYNONYMOUS_CODING	ggA/ggG	G136	
RG112	AL123456_3	3061615 T	C	Rv2748c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M298V	
RG112	AL123456_3	3068647 C	T	Rv2756c	SNP	SYNONYMOUS_CODING	ttG/ttA	L479	
RG112	AL123456_3	3073868 T	C	Rv2764c	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T202A	
RG112	AL123456_3	3077039 C	A	Rv2768c	SNP	NON_SYNONYMOUS_CODING	gGc/gTc	G347V	
RG112	AL123456_3	3080795 A	G	Rv2771c	SNP	NON_SYNONYMOUS_CODING	cTc/cCc	L80P	
RG112	AL123456_3	3086788 T	C	none	SNP	INTERGENIC			
RG112	AL123456_3	3095331 G	A	Rv2787	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R74H	
RG112	AL123456_3	3101119 G	T	Rv2791c	SNP	NON_SYNONYMOUS_CODING	Cgc/Agc	R155S	
RG112	AL123456_3	3103682 T	C	Rv2794c	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M87V	
RG112	AL123456_3	3106033 C	T	Rv2797c	SNP	SYNONYMOUS_CODING	gtG/gtA	V425	
RG112	AL123456_3	3108055 C	T	Rv2799	SNP	SYNONYMOUS_CODING	gCc/gcT	A96	
RG112	AL123456_3	3108674 A	C	Rv2800	SNP	SYNONYMOUS_CODING	Agg/Cgg	R87	
RG112	AL123456_3	3113872 A	T	Rv2807	SNP	NON_SYNONYMOUS_CODING	gAg/gTg	E72V	
RG112	AL123456_3	3120214 TT	TTTCAT	none	INDEL	INTERGENIC			
RG112	AL123456_3	3131469 TTGT	TTGTCCGCATGT	Rv2823c	INDEL	CODON_INSERTION	-/ACATCGCCG	-101TSP	
RG112	AL123456_3	3133536 T	C	Rv2825c	SNP	NON_SYNONYMOUS_CODING	Aaa/Gaa	K2E	
RG112	AL123456_3	3137058 G	A	Rv2830c	SNP	NON_SYNONYMOUS_CODING	gCb/gTg	A56V	
RG112	AL123456_3	3162805 C	G	Rv2853	SNP	NON_SYNONYMOUS_CODING	Cgc/Ggc	R180G	
RG112	AL123456_3	3165074 T	C	Rv2854	SNP	NON_SYNONYMOUS_CODING	gTg/gCg	V308A	
RG112	AL123456_3	3175702 T	C	Rv2864c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I522V	
RG112	AL123456_3	3177884 C	A	Rv2866	SNP	SYNONYMOUS_CODING	cgC/cgA	R21	
RG112	AL123456_3	3178445 C	G	none	SNP	INTERGENIC			

RG112	AL123456_3	3730519 C	G	Rv3343c	SNP	SYNONYMOUS_CODING	acG/acC	T2139
RG112	AL123456_3	3730789 A	G	Rv3343c	SNP	SYNONYMOUS_CODING	atT/atC	I2049
RG112	AL123456_3	3732370 A	G	Rv3343c	SNP	SYNONYMOUS_CODING	aaT/aaC	N1522
RG112	AL123456_3	3732517 A	G	Rv3343c	SNP	SYNONYMOUS_CODING	atT/atC	I1473
RG112	AL123456_3	3732553 A	G	Rv3343c	SNP	SYNONYMOUS_CODING	atT/atC	I1461
RG112	AL123456_3	3735967 G	A	Rv3343c	SNP	SYNONYMOUS_CODING	tcC/tcT	S323
RG112	AL123456_3	3736628 T	G	Rv3343c	SNP	NON_SYNONYMOUS_CODING	gAg/gcG	E103A
RG112	AL123456_3	3737120 T	C	Rv3344c	SNP	NON_SYNONYMOUS_CODING	gAc/gcG	D440G
RG112	AL123456_3	3737638 G	C	Rv3344c	SNP	SYNONYMOUS_CODING	tcC/tcG	S267
RG112	AL123456_3	3739913 G	A	Rv3345c	SNP	SYNONYMOUS_CODING	acC/acT	T954
RG112	AL123456_3	3740555 G	GCC	Rv3345c	INDEL	FRAME_SHIFT	-/GG	-740?
GCCTTGCCGCCGTACCCG								
RG112	AL123456_3	3741267 CCCTTGCCGCCGT	GCCTTGCCGCCGT	Rv3345c	INDEL	CODON_DELETION	aacggcggcaaggcggtga	NGKGGGD-
RG112	AL123456_3	3746409 A	G	Rv3347c	SNP	NON_SYNONYMOUS_CODING	ctG/cCG	L2259P
RG112	AL123456_3	3752207 A	G	Rv3347c	SNP	SYNONYMOUS_CODING	atT/atC	I326
RG112	AL123456_3	3753116 C	T	Rv3347c	SNP	SYNONYMOUS_CODING	ccG/ccA	P23
RG112	AL123456_3	3753164 T	G	Rv3347c	SNP	SYNONYMOUS_CODING	ccA/ccC	P7
RG112	AL123456_3	3776706 C	T	Rv3365c	SNP	NON_SYNONYMOUS_CODING	Gcg/Acg	A266T
CGGCAACGGTGGCAACG								
CGGCAACGGTGGCAACG								
RG112	AL123456_3	3779671 GTGGCAACGGT	GTGGCAACGGTGGCAAC	Rv3367	INDEL	CODON_CHANGE_PLUS_CODON_IN	gcc/gGCAACGCTGcc	A378GNGA
RG112	AL123456_3	3794884 G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	3796409 TTCA	T	none	INDEL	INTERGENIC		
RG112	AL123456_3	3798095 A	C	Rv3383c	SNP	NON_SYNONYMOUS_CODING	gTc/gGc	V132G
RG112	AL123456_3	3816110 G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	3817117 C	A	Rv3399	SNP	NON_SYNONYMOUS_CODING	gCg/gAg	A330E
RG112	AL123456_3	3817695 G	A	Rv3400	SNP	NON_SYNONYMOUS_CODING	Gtg/Atg	V153M
RG112	AL123456_3	3823159 A	T	Rv3403c	SNP	SYNONYMOUS_CODING	gtT/gTA	V235
RG112	AL123456_3	3825560 C	G	Rv3406	SNP	SYNONYMOUS_CODING	ctC/ctG	L77
RG112	AL123456_3	3826684 C	T	Rv3408	SNP	NON_SYNONYMOUS_CODING	tCg/tTG	S46L
RG112	AL123456_3	3829770 T	C	Rv3410c	SNP	SYNONYMOUS_CODING	ccA/ccG	P47
RG112	AL123456_3	3838480 C	T	Rv3419c	SNP	NON_SYNONYMOUS_CODING	aGt/aAT	S37N
RG112	AL123456_3	3838643 G	A	Rv3420c	SNP	SYNONYMOUS_CODING	taC/taT	Y140
RG112	AL123456_3	3838871 A	G	Rv3420c	SNP	SYNONYMOUS_CODING	gCT/gCC	A64
RG112	AL123456_3	3842384 A	G	Rv3425	SNP	NON_SYNONYMOUS_CODING	gAc/gAc	D49G
RG112	AL123456_3	3842425 T	A	Rv3425	SNP	NON_SYNONYMOUS_CODING	Ttg/Atg	L63M
RG112	AL123456_3	3842620 A	G	Rv3425	SNP	NON_SYNONYMOUS_CODING	Act/Gct	T128A
RG112	AL123456_3	3842625 A	G	Rv3425	SNP	SYNONYMOUS_CODING	ccA/ccG	P129
RG112	AL123456_3	3843407 CGGGGG	CGGGGG	Rv3426	INDEL	FRAME_SHIFT	-	-126
RG112	AL123456_3	3844992 T	A	Rv3428c	SNP	NON_SYNONYMOUS_CODING	Agc/Tgc	S327C
RG112	AL123456_3	3850197 G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	3859376 C	T	Rv3439c	SNP	NON_SYNONYMOUS_CODING	gGg/gAg	G96E
RG112	AL123456_3	3859893 C	T	Rv3440c	SNP	SYNONYMOUS_CODING	gaG/gaA	E28
RG112	AL123456_3	3862472 GAA	GA	none	INDEL	INTERGENIC		
RG112	AL123456_3	3864995 T	C	Rv3447c	SNP	NON_SYNONYMOUS_CODING	Agc/Ggc	S1082G
RG112	AL123456_3	3873392 T	G	Rv3451	SNP	NON_SYNONYMOUS_CODING	ctG/cGc	L259R
RG112	AL123456_3	3877421 A	G	Rv3456c	SNP	SYNONYMOUS_CODING	ccT/ccC	P4
RG112	AL123456_3	3883626 A	G	Rv3466	SNP	SYNONYMOUS_CODING	ccA/ccG	P34
RG112	AL123456_3	3885886 T	C	Rv3468c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I62V
RG112	AL123456_3	3888690 G	C	Rv3470c	SNP	NON_SYNONYMOUS_CODING	gCc/gGc	A38G
RG112	AL123456_3	3890778 CTGA	C	none	INDEL	INTERGENIC		
RG112	AL123456_3	3892671 A	G	Rv3476c	SNP	SYNONYMOUS_CODING	gtT/gTC	V350
RG112	AL123456_3	3894032 T	A	none	SNP	INTERGENIC		
RG112	AL123456_3	3894476 C	T	Rv3478	SNP	SYNONYMOUS_CODING	taC/taT	Y17
RG112	AL123456_3	3895148 CA	C	Rv3478	INDEL	FRAME_SHIFT	-	-242
RG112	AL123456_3	3895170 A	G	Rv3478	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M249V
RG112	AL123456_3	3895200 A	G	Rv3478	SNP	NON_SYNONYMOUS_CODING	Acc/Gcc	T259A
RG112	AL123456_3	3895204 A	G	Rv3478	SNP	NON_SYNONYMOUS_CODING	aAc/aGc	N260S
RG112	AL123456_3	3895232 A	T	Rv3478	SNP	NON_SYNONYMOUS_CODING	ttA/ttT	L269F
RG112	AL123456_3	3896340 T	G	Rv3479	SNP	NON_SYNONYMOUS_CODING	cTc/cGc	L174R
RG112	AL123456_3	3898408 A	G	Rv3479	SNP	SYNONYMOUS_CODING	gcA/gAc	A863
RG112	AL123456_3	3929906 G	C	Rv3507	SNP	NON_SYNONYMOUS_CODING	gTt/gCt	G1113A
RG112	AL123456_3	3936338 CG	CGATG	Rv3508	INDEL	CODON_CHANGE_PLUS_CODON_IN	ggc/gATGgc	G1779DG
RG112	AL123456_3	3942481 C	G	Rv3512	SNP	NON_SYNONYMOUS_CODING	gCg/gGg	A253G
RG112	AL123456_3	3942640 T	C	Rv3512	SNP	NON_SYNONYMOUS_CODING	aTt/aCt	I306T
RG112	AL123456_3	3952800 G	A	Rv3516	SNP	NON_SYNONYMOUS_CODING	gCg/gAc	G86D
RG112	AL123456_3	3958403 A	G	Rv3521	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N295D
RG112	AL123456_3	3959418 C	T	Rv3522	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T324I
ATGTTGCCGTTGCCGGTG								
ATGTTGCCGTTGCCGGTG								
RG112	AL123456_3	3971486 TTGCCG	CCG	Rv3533c	INDEL	CODON_CHANGE_PLUS_CODON_IN	ttc/TCGGCAACCCGGTc	F315SATPA
RG112	AL123456_3	3973954 C	T	Rv3535c	SNP	NON_SYNONYMOUS_CODING	Ggg/Agg	G183R
RG112	AL123456_3	3979311 G	T	Rv3539	SNP	NON_SYNONYMOUS_CODING	GgA/gTA	G418V
RG112	AL123456_3	3983271 T	G	Rv3544c	SNP	NON_SYNONYMOUS_CODING	Atc/Ctc	I292L
RG112	AL123456_3	3998059 AGGCGCGCGCGC	AGGCGCGCGC	Rv3558	INDEL	CODON_CHANGE_PLUS_CODON_DE	ggcgcc/gcc	AA30A
RG112	AL123456_3	4005607 T	C	Rv3564	SNP	SYNONYMOUS_CODING	Ttg/Ctg	L121
RG112	AL123456_3	4014006 T	G	Rv3572	SNP	NON_SYNONYMOUS_CODING	Tcg/Gcg	S166A
RG112	AL123456_3	4024273 T	C	Rv3581c	SNP	SYNONYMOUS_CODING	gtA/gtG	V25
RG112	AL123456_3	4026899 G	A	Rv3585	SNP	SYNONYMOUS_CODING	caG/caA	Q152
RG112	AL123456_3	4029562 G	C	Rv3587c	SNP	SYNONYMOUS_CODING	ccC/ccG	P67
TGCCGCGCGCGCCG								
TGCCGCGCGCGCCG								
RG112	AL123456_3	4031616 GC	G	Rv3590c	INDEL	CODON_CHANGE_PLUS_CODON_IN	ggT/ggCGCGCGGcT	G508GPAA
RG112	AL123456_3	4034827 C	T	Rv3593	SNP	NON_SYNONYMOUS_CODING	gCg/gTg	A159V
RG112	AL123456_3	4035750 C	G	none	SNP	INTERGENIC		
RG112	AL123456_3	4037283 T	G	Rv3595c	SNP	SYNONYMOUS_CODING	ggA/ggC	G256
RG112	AL123456_3	4038287 G	A	Rv3596c	SNP	SYNONYMOUS_CODING	aaC/aaT	N806
RG112	AL123456_3	4053050 A	G	Rv3611	SNP	NON_SYNONYMOUS_CODING	aAc/aGc	N345
RG112	AL123456_3	4055801 G	A	Rv3616c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T192I
RG112	AL123456_3	4059904 A	G	none	SNP	INTERGENIC		
RG112	AL123456_3	4060210 T	A	Rv3619c	SNP	NON_SYNONYMOUS_CODING	cAg/cTg	Q20L
RG112	AL123456_3	4060230 G	A	Rv3619c	SNP	SYNONYMOUS_CODING	caC/caT	H13
RG112	AL123456_3	4069292 G	A	Rv3630	SNP	NON_SYNONYMOUS_CODING	Gcc/Acc	A40T
RG112	AL123456_3	4075957 C	A	Rv3636	SNP	NON_SYNONYMOUS_CODING	gCc/gAc	A69D
RG112	AL123456_3	4088346 G	A	Rv3648c	SNP	SYNONYMOUS_CODING	acC/acT	T62
RG112	AL123456_3	4093879 TGGGGG	TGGGGG	Rv3652	INDEL	FRAME_SHIFT	-	-85
RG112	AL123456_3	4095001 CG	C	Rv3655c	INDEL	FRAME_SHIFT	-	-100
RG112	AL123456_3	4100975 T	C	none	SNP	INTERGENIC		
RG112	AL123456_3	4109895 G	A	Rv3668c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T196I
RG112	AL123456_3	4111303 G	C	Rv3669	SNP	SYNONYMOUS_CODING	gtG/gCt	V159
RG112	AL123456_3	4131040 C	T	Rv3689	SNP	SYNONYMOUS_CODING	ggC/gCt	A228
RG112	AL123456_3	4135112 G	A	Rv3693	SNP	NON_SYNONYMOUS_CODING	atG/aTA	M129I

RG112	AL123456_3	4156099	C	A	Rv3711c	SNP	NON_SYNONYMOUS_CODING	Gtg/Ttg	V211L
RG112	AL123456_3	4161935	G	T	Rv3718c	SNP	SYNONYMOUS_CODING	acC/acA	T108
RG112	AL123456_3	4162339	A	G	Rv3719	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T12A
RG112	AL123456_3	4163944	A	G	Rv3720	SNP	NON_SYNONYMOUS_CODING	cAt/cGt	H70R
RG112	AL123456_3	4167796	G	A	Rv3722c	SNP	SYNONYMOUS_CODING	tcC/tCT	S111
RG112	AL123456_3	4171828	G	A	Rv3726	SNP	SYNONYMOUS_CODING	ccG/ccA	P136
RG112	AL123456_3	4174564	T	C	Rv3727	SNP	NON_SYNONYMOUS_CODING	aTc/aCc	I537T
RG112	AL123456_3	4182695	G	A	Rv3731	SNP	NON_SYNONYMOUS_CODING	cGc/cAc	R313H
RG112	AL123456_3	4187485	T	C	Rv3736	SNP	SYNONYMOUS_CODING	gCT/gCC	A284
RG112	AL123456_3	4187817	A	G	Rv3737	SNP	NON_SYNONYMOUS_CODING	gAt/gGT	D40G
RG112	AL123456_3	4187873	T	C	Rv3737	SNP	SYNONYMOUS_CODING	Ttg/Ctg	L59
RG112	AL123456_3	4197138	CTT	CTTT	none	INDEL	INTERGENIC		
RG112	AL123456_3	4204441	A	G	Rv3759c	SNP	SYNONYMOUS_CODING	caT/caC	H311
RG112	AL123456_3	4204511	A	G	Rv3759c	SNP	NON_SYNONYMOUS_CODING	gTg/gCG	V288A
RG112	AL123456_3	4210274	A	G	Rv3764c	SNP	NON_SYNONYMOUS_CODING	Tgt/Cgt	C246R
RG112	AL123456_3	4216856	A	T	none	SNP	INTERGENIC		
RG112	AL123456_3	4220174	G	A	Rv3775	SNP	NON_SYNONYMOUS_CODING	Gac/Aac	D164N
RG112	AL123456_3	4221490	C	G	Rv3776	SNP	SYNONYMOUS_CODING	ctC/ctG	L134
RG112	AL123456_3	4222073	A	G	Rv3776	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M329V
RG112	AL123456_3	4222882	A	G	Rv3777	SNP	SYNONYMOUS_CODING	ctA/ctG	L63
RG112	AL123456_3	4224784	C	T	Rv3778c	SNP	NON_SYNONYMOUS_CODING	Gtg/Atg	V38M
RG112	AL123456_3	4232399	G	A	Rv3786c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T100I
RG112	AL123456_3	4242643	C	T	Rv3793	SNP	SYNONYMOUS_CODING	cgC/cgT	R927
RG112	AL123456_3	4249447	G	A	Rv3795	SNP	SYNONYMOUS_CODING	gtG/gtA	V978
RG112	AL123456_3	4255922	A	G	Rv3799c	SNP	SYNONYMOUS_CODING	caT/caC	H9
RG112	AL123456_3	4257220	A	G	Rv3800c	SNP	SYNONYMOUS_CODING	cgT/cgC	R1309
RG112	AL123456_3	4264219	T	G	Rv3802c	SNP	SYNONYMOUS_CODING	ggA/ggC	G49
RG112	AL123456_3	4264868	A	G	Rv3803c	SNP	NON_SYNONYMOUS_CODING	Tgg/Cgg	W199R
RG112	AL123456_3	4281731	A	G	Rv3817	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N29D
RG112	AL123456_3	4281849	G	C	Rv3817	SNP	NON_SYNONYMOUS_CODING	tGg/tGt	W68S
RG112	AL123456_3	4299480	G	A	Rv3825c	SNP	SYNONYMOUS_CODING	tcC/tCT	S42
RG112	AL123456_3	4302036	T	C	Rv3827c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T252A
RG112	AL123456_3	4306155	C	T	Rv3831	SNP	SYNONYMOUS_CODING	agC/agT	S133
RG112	AL123456_3	4307179	G	A	Rv3833	SNP	NON_SYNONYMOUS_CODING	Gtc/Atc	V105I
RG112	AL123456_3	4315384	T	C	Rv3842c	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D60G
RG112	AL123456_3	4316046	A	G	Rv3843c	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V184A
RG112	AL123456_3	4320050	A	G	none	SNP	INTERGENIC		
RG112	AL123456_3	4338595	GC	G	none	INDEL	INTERGENIC		
RG112	AL123456_3	4338732	G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	4340330	T	G	Rv3864	SNP	NON_SYNONYMOUS_CODING	Ttg/Gtg	L21V
RG112	AL123456_3	4351039	G	T	Rv3872	SNP	STOP_GAINED	Gaa/Taa	E99*
RG112	AL123456_3	4356110	G	C	Rv3877	SNP	SYNONYMOUS_CODING	ctG/ctC	L368
RG112	AL123456_3	4363069	T	C	Rv3882c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I118V
RG112	AL123456_3	4366272	G	C	Rv3884c	SNP	SYNONYMOUS_CODING	gcc/gcG	A189
RG112	AL123456_3	4368772	A	C	Rv3886c	SNP	NON_SYNONYMOUS_CODING	Tcg/Gcg	S467A
RG112	AL123456_3	4373496	C	G	Rv3889c	SNP	SYNONYMOUS_CODING	gtG/gtC	V45
RG112	AL123456_3	4375628	G	T	Rv3892c	SNP	NON_SYNONYMOUS_CODING	aCc/aAg	T19K
RG112	AL123456_3	4376098	G	A	none	SNP	INTERGENIC		
RG112	AL123456_3	4378181	G	C	Rv3894c	SNP	NON_SYNONYMOUS_CODING	Caa/Gaa	Q758E
RG112	AL123456_3	4379680	C	G	Rv3894c	SNP	NON_SYNONYMOUS_CODING	cGc/cCc	R258P
RG112	AL123456_3	4382054	T	C	Rv3896c	SNP	SYNONYMOUS_CODING	gcA/gcG	A266
RG112	AL123456_3	4382275	G	T	Rv3896c	SNP	NON_SYNONYMOUS_CODING	Caa/Aaa	Q193K
RG112	AL123456_3	4383144	CC	CCGGGGC	Rv3897c	INDEL	FRAME_SHIFT	-/GCCCC	-165A?
RG112	AL123456_3	4385530	G	C	Rv3900c	SNP	NON_SYNONYMOUS_CODING	cCa/cGa	P260R
RG112	AL123456_3	4390753	C	G	Rv3905c	SNP	SYNONYMOUS_CODING	tcG/tcC	S93
RG112	AL123456_3	4391553	C	T	Rv3906c	SNP	SYNONYMOUS_CODING	ccG/ccA	P18
RG112	AL123456_3	4398952	G	A	Rv3910	SNP	NON_SYNONYMOUS_CODING	Gtc/Atc	V786I
RG112	AL123456_3	4400660	ACCC	ACC	Rv3911	INDEL	FRAME_SHIFT	-	-160
RG112	AL123456_3	4401536	G	A	Rv3912	SNP	NON_SYNONYMOUS_CODING	Gcg/Acg	A223T
RG112	AL123456_3	4404109	A	G	Rv3915	SNP	SYNONYMOUS_CODING	caA/caG	Q306
RG112	AL123456_3	4406017	G	C	Rv3917c	SNP	NON_SYNONYMOUS_CODING	Cag/Gag	Q159E
RG112	AL123456_3	4408156	A	C	Rv3919c	SNP	NON_SYNONYMOUS_CODING	cTt/cGt	L16R

RG621257	AL123456_3	4187873 T	C	Rv3737	SNP	SYNONYMOUS_CODING	Ttg/Ctg	L59
RG621257	AL123456_3	4197138 CTT	CTTT	none	INDEL	INTERGENIC		
RG621257	AL123456_3	4198611 CGGGGG	CGGGG	none	INDEL	INTERGENIC		
RG621257	AL123456_3	4204441 A	G	Rv3759c	SNP	SYNONYMOUS_CODING	caT/caC	H311
RG621257	AL123456_3	4204511 A	G	Rv3759c	SNP	NON_SYNONYMOUS_CODING	gTg/gCg	V288A
RG621257	AL123456_3	4210274 A	G	Rv3764c	SNP	NON_SYNONYMOUS_CODING	TgT/Cgt	C246R
RG621257	AL123456_3	4216856 A	T	none	SNP	INTERGENIC		
RG621257	AL123456_3	4220174 G	A	Rv3775	SNP	NON_SYNONYMOUS_CODING	Gac/Aac	D164N
RG621257	AL123456_3	4221490 C	G	Rv3776	SNP	SYNONYMOUS_CODING	ctC/ctG	L134
RG621257	AL123456_3	4222073 A	G	Rv3776	SNP	NON_SYNONYMOUS_CODING	Atg/Gtg	M329V
RG621257	AL123456_3	4222882 A	G	Rv3777	SNP	SYNONYMOUS_CODING	ctA/ctG	L63
RG621257	AL123456_3	4224784 C	T	Rv3778c	SNP	NON_SYNONYMOUS_CODING	Gtg/Atg	V38M
RG621257	AL123456_3	4233299 G	A	Rv3786c	SNP	NON_SYNONYMOUS_CODING	aCc/aTc	T100I
RG621257	AL123456_3	4242643 C	T	Rv3793	SNP	SYNONYMOUS_CODING	cgC/cgT	R927
RG621257	AL123456_3	4249447 G	A	Rv3795	SNP	SYNONYMOUS_CODING	gtG/ctA	V978
RG621257	AL123456_3	4255922 A	G	Rv3799c	SNP	SYNONYMOUS_CODING	caT/caC	H9
RG621257	AL123456_3	4257220 A	G	Rv3800c	SNP	SYNONYMOUS_CODING	cgT/cgC	R1309
RG621257	AL123456_3	4264868 A	G	Rv3803c	SNP	NON_SYNONYMOUS_CODING	Tgg/Ggg	W199R
RG621257	AL123456_3	4275025 T	C	Rv3811	SNP	SYNONYMOUS_CODING	ggT/ggC	G76
RG621257	AL123456_3	4281731 A	G	Rv3817	SNP	NON_SYNONYMOUS_CODING	Aac/Gac	N29D
RG621257	AL123456_3	4281849 G	C	Rv3817	SNP	NON_SYNONYMOUS_CODING	tGg/tGg	W68S
RG621257	AL123456_3	4293072 G	A	Rv3824c	SNP	NON_SYNONYMOUS_CODING	Ctt/Ttt	L35F
RG621257	AL123456_3	4299480 G	A	Rv3825c	SNP	SYNONYMOUS_CODING	tcT/tcT	S42
RG621257	AL123456_3	4302036 T	C	Rv3827c	SNP	NON_SYNONYMOUS_CODING	Acg/Gcg	T252A
RG621257	AL123456_3	4306155 C	T	Rv3831	SNP	SYNONYMOUS_CODING	agC/agT	S133
RG621257	AL123456_3	4307179 G	A	Rv3833	SNP	NON_SYNONYMOUS_CODING	Gtc/Atc	V105I
RG621257	AL123456_3	4315384 T	C	Rv3842c	SNP	NON_SYNONYMOUS_CODING	gAc/gGc	D60G
RG621257	AL123456_3	4316046 A	G	Rv3843c	SNP	NON_SYNONYMOUS_CODING	gTc/gCc	V184A
RG621257	AL123456_3	4320050 A	G	none	SNP	INTERGENIC		
RG621257	AL123456_3	4336090 A	AT	none	INDEL	INTERGENIC		
RG621257	AL123456_3	4338732 G	A	none	SNP	INTERGENIC		
RG621257	AL123456_3	4340330 T	G	Rv3864	SNP	NON_SYNONYMOUS_CODING	Ttg/Gtg	L21V
RG621257	AL123456_3	4351039 G	T	Rv3872	SNP	STOP_GAINED	Gaa/Taa	E99*
RG621257	AL123456_3	4356110 G	C	Rv3877	SNP	SYNONYMOUS_CODING	ctC/ctC	L368
RG621257	AL123456_3	4363069 T	C	Rv3882c	SNP	NON_SYNONYMOUS_CODING	Atc/Gtc	I118V
RG621257	AL123456_3	4366272 G	C	Rv3884c	SNP	SYNONYMOUS_CODING	gcC/gcG	A189
RG621257	AL123456_3	4368772 A	C	Rv3886c	SNP	NON_SYNONYMOUS_CODING	Tcg/Gcg	S467A
RG621257	AL123456_3	4373496 C	G	Rv3889c	SNP	SYNONYMOUS_CODING	gtG/gtC	V45
RG621257	AL123456_3	4375628 G	T	Rv3892c	SNP	NON_SYNONYMOUS_CODING	aCg/aAg	T19K
RG621257	AL123456_3	4376098 G	A	none	SNP	INTERGENIC		
RG621257	AL123456_3	4378181 G	C	Rv3894c	SNP	NON_SYNONYMOUS_CODING	Caa/Gaa	Q758E
RG621257	AL123456_3	4379680 C	G	Rv3894c	SNP	NON_SYNONYMOUS_CODING	cGc/cCc	R258P
RG621257	AL123456_3	4382054 T	C	Rv3896c	SNP	SYNONYMOUS_CODING	gcA/gcG	A266
RG621257	AL123456_3	4383144 CC	CCGGGGC	Rv3897c	INDEL	FRAME_SHIFT	-/GCCCC	-165A?
RG621257	AL123456_3	4385530 G	C	Rv3900c	SNP	NON_SYNONYMOUS_CODING	cCa/ccGa	P260R
RG621257	AL123456_3	4390753 C	G	Rv3905c	SNP	SYNONYMOUS_CODING	tcG/tcC	S93
RG621257	AL123456_3	4391553 C	T	Rv3906c	SNP	SYNONYMOUS_CODING	ccG/ccA	P18
RG621257	AL123456_3	4398952 G	A	Rv3910	SNP	NON_SYNONYMOUS_CODING	GtC/Atc	V786I
RG621257	AL123456_3	4400660 ACCC	ACC	Rv3911	INDEL	FRAME_SHIFT	-	-160
RG621257	AL123456_3	4401536 G	A	Rv3912	SNP	NON_SYNONYMOUS_CODING	Gcg/Acg	A223T
RG621257	AL123456_3	4404109 A	G	Rv3915	SNP	SYNONYMOUS_CODING	caA/caG	Q306
RG621257	AL123456_3	4406017 G	C	Rv3917c	SNP	NON_SYNONYMOUS_CODING	CaG/Gag	Q159E
RG621257	AL123456_3	4408156 A	C	Rv3919c	SNP	NON_SYNONYMOUS_CODING	cTt/cGt	L16R

Supplementary Table 4. Genotyping of isolated initially classified as *Mycobacterium pinnipedii* by Spoligotyping.

Strain ^a	INH	RIF	EMB	SM	Octonal Spoligotyping	<i>fbpC</i> ¹⁸³	RD9	TbD1	<i>pks15/1</i> deletion	RD ^{Rio}	RD174	<i>rpoB</i> (SNPs) ^f	<i>rpoB</i> duplication ^d	<i>rpoA</i>	<i>rpoC</i>	<i>katG</i>	<i>inhA</i>	24-loci MIRU-VNTR ^e	year of isolation
100056	R	S	S	S	000000007400000	A	+	-	7-bp	-	-	WT	WT	WT	WT	WT	WT	22431514322444212221*423	2010
100169	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	315 AGC-ACC	wt	22431514322444212221**1	2010
100178	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	315 AGC-ACC	wt	224315143224442122216423	2010
100285	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GTC	WT	WT	WT	315 AGC-ACC	T-17G	224315143224442122216423	2010
100310	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	315 AGC-ACC	wt	224315143224442122216423	2010
100094	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	315 AGC-ACC	wt	224315143224442122216423	2010
RG74	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	316 AGC-ACC	wt	224315143224442122216423	2010
RG112	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	GAC-GGC	12pb	WT	WT	315 AGC-ACC	wt	224315143224442122216423	2010
RG621257	R	R	S	S	000000007400000	A	+	-	7-bp	-	-	WT	WT	WT	WT	316 AGC-ACC	wt	224315143224442122216423	2006
<i>M. pinnipedii</i> 76 ^b	ND	ND	ND	ND	074000037777600	G	-	+	6-bp	-	-	ND	ND	ND	ND	ND	ND	316424222332341430947**2	
<i>M. pinnipedii</i> 81 ^b	ND	ND	ND	ND	074000037777600	G	-	+	6-bp	-	-	ND	ND	ND	ND	ND	ND	256324222321341'2430*4*343	

^a Colony phenotype = Typical eugonic growth, buff to yellow/beige, rough wrinkled colonies, non-pigmented.

^b Controls strains 76 (CA-76) and 81 (CA-81) ; kindly provided from the collection of the National Institute for Public Health and the Environment - RIVM and previously characterized by various typing methods (1, 2, 3).

^c Substitution A-G and A-T at 516 at *rpoB*

^d duplication of 12 nucleotides (CCA GAA CAA CCC) starting at the last nucleotide at codon 516 at *rpoB*

^e MIRU2, MIRU4, MIRU10, MIRU16, MIRU20, MIRU23, MIRU24, MIRU26, MIRU27, MIRU31, MIRU39, MIRU40, MTUB04, ETR-C, ETR-A, MTUB30, MTUB39, QUB4153, QUB11, MTUB21, QUB26, MTUB29, ETR-B, MTUB34. * = amplification failure loci.

ND = Not Determined

Supplementary File 1 – R script used for strain classification according to the barcode system (4).

```
# This script outputs Mycobacterium tuberculosis lineage classification according to the
# molecular barcode proposed by Coll et al, Nat Comm (2014)
# The script uses as an input an eight-column (tab separated) file, in which each line
# correspond to a different genomic position (total 4411532 observations).
# Columns (and column names) should correspond to:
# Chromosome, Reference GenBank accession (NC000962.3);
# Position, genomic reference position;
# Reference, Reference Allele (GenBank Accession no. NC000962.3);
# A, Total of Adenine alleles mapped at the corresponding position;
# C, Total of Cytosine alleles mapped at the corresponding position;
# G, Total of Guanine alleles mapped at the corresponding position;
# T, Total of Thymine alleles mapped at the corresponding position;
# Total, Total fold coverage at the corresponding position.
#
# The "lineage_snps_for_classification.csv" file should be placed at the working directory or
# corresponding path below changed as appropriate.
#
# The script outputs a file comma-separated file containing the strain barcode classification.
#

lineage_snps<-read.csv("lineage_snps_for_classification.csv",header=F,sep=";")

file<-file.choose()

summary_lineage<-data.frame()

coverage_table<-read.table(file,header=T, sep="\t")

filename<-strsplit(file,"\\.")

Strain<-filename[[1]][1]

table_snps<-coverage_table[coverage_table$Position %in% lineage_snps$V2,]

a<-apply(table_snps[,4:7],MARGIN=1,FUN=which.max)

table_snps$allele<-names(table_snps[,4:7])[a]

lineage_snps2<-lineage_snps[order(lineage_snps$V2),]

lineage_snps2$class_log<-lineage_snps2$V3 == table_snps$allele

sub_table1<-lineage_snps2[lineage_snps2$class_log == c("TRUE"),]

Lineage<-max(as.vector(sub_table1$V1))

results<-data.frame(Strain,Lineage)

summary_lineage<-rbind(summary_lineage,results)
}

write.table(summary_lineage,"summary_lineage.csv",col.names=T,row.names=F,sep=";")
```

Supplementary File 2 – CSV file *lineage_snps_for_classification.csv* for use with the R script for strain classification.

lineage1;615938;A
lineage1.1;4404247;A
lineage1.1.1;3021283;A
lineage1.1.1.1;3216553;A
lineage1.1.2;2622402;A
lineage1.1.3;1491275;A
lineage1.2.1;3479545;A
lineage1.2.2;3470377;T
lineage2;497491;A
lineage2.1;1881090;T
lineage2.2;2505085;A
lineage2.2.1;797736;T
lineage2.2.1.1;4248115;T
lineage2.2.1.2;3836274;A
lineage2.2.2;346693;T
lineage3;3273107;A
lineage3.1.1;1084911;A
lineage3.1.2;3722702;C
lineage3.1.2.1;1237818;G
lineage3.1.2.2;2874344;A
lineage4;931123;T
lineage4.1;62657;A
lineage4.1.1;514245;T
lineage4.1.1.1;1850119;T
lineage4.1.1.2;541048;G
lineage4.1.1.3;4229087;T
lineage4.1.2;891756;G
lineage4.1.2.1;107794;T
lineage4.2;2411730;C
lineage4.2.1;783601;C
lineage4.2.2;1487796;A
lineage4.2.2.1;1455780;C
lineage4.3;764995;G
lineage4.3.1;615614;A
lineage4.3.2;4316114;A
lineage4.3.2.1;3388166;G
lineage4.3.3;403364;A
lineage4.3.4;3977226;A
lineage4.3.4.1;4398141;A
lineage4.3.4.2;1132368;T
lineage4.3.4.2.1;1502120;A
lineage4.4;4307886;A
lineage4.4.1;4151558;A
lineage4.4.1.1;355181;A
lineage4.4.1.2;2694560;C
lineage4.4.2;4246508;A
lineage4.5;1719757;T
lineage4.6;3466426;A
lineage4.6.1;4260268;C
lineage4.6.1.1;874787;A
lineage4.6.1.2;1501468;C

lineage4.6.2;4125058;C
lineage4.6.2.1;3570528;G
lineage4.6.2.2;2875883;T
lineage4.7;4249732;G
lineage4.8;3836739;A
lineage4.9;1759252;G
lineage5;1799921;A
lineage6;1816587;G
lineage7;1137518;A
lineageBOV;2831482;G
lineageBOV_AFRI;1882180;T

SUPPLEMENTAL REFERENCES LIST

1. **Kremer K, van Soolingen D, Frothingham R, Haas WH, Hermans PW, Martín C, Palittapongarnpim P, Plikaytis BB, Riley LW, Yakrus MA, Musser JM, van Embden JD.** 1999. Comparison of methods based on different molecular epidemiological markers for typing of *Mycobacterium tuberculosis* complex strains: interlaboratory study of discriminatory power and reproducibility. *J Clin Microbiol.* 37(8):2607-18.
2. **Huard RC, Fabre M, de Haas P, Lazzarini LCO, van Soolingen D, Cousins D, Ho JL.** 2006. Novel genetic polymorphisms that further delineate the phylogeny of the *Mycobacterium tuberculosis* complex. *J Bacteriol.* 188(12):4271–4287. doi: 10.1128/JB.01783-05.
3. **Vasconcellos SE, Huard RC, Niemann S, Kremer K, Santos AR, Suffys PN, Ho JL.** 2010. Distinct genotypic profiles of the two major clades of *Mycobacterium africanum*. *BMC Infect Dis.* 10:80. doi: 10.1186/1471-2334-10-80.
4. **Coll F, McNerney R, Guerra-Assuncao JA, Glynn JR, Perdigao J, Viveiros M, Portugal I, Pain A, Martin N, Clark TG.** 2014. A robust SNP barcode for typing *Mycobacterium tuberculosis* complex strains. *Nat Commun,* 5:4812. doi: 10.1038/ncomms5812.