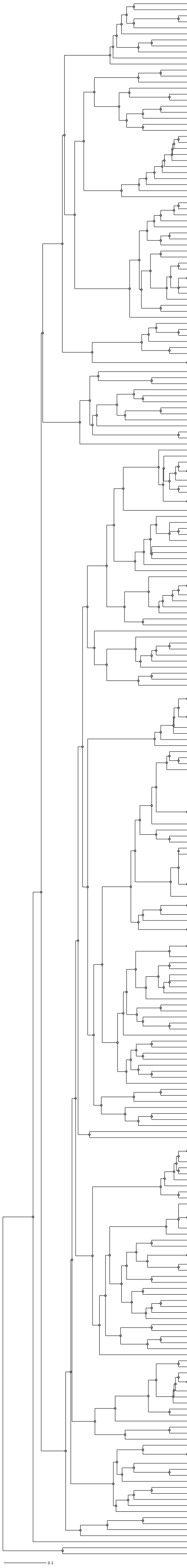
UPGMA-Tree, MIRU-VNTR [24]: Categorical



Bovis (7540/01)	7540/01	Bovis	M. bovis	1-1	482	BOVIS1_BCG	2 0 5 3 2 2 3 1 2 4 4 3 4 5 4 2 5 2 3 3 2 4 1 2
Bovis (8217/02)	8217/02	Bovis	M. bovis	7-7	1037	BOVIS1	2 2 5 3 2 2 3 3 2 3 4 3 4 5 4 2 4 3 3 3 2 3 1 2
Bovis (751/01)	751/01	Bovis	M. bovis	3-3			2 2 5 3 2 2 3 3 2 4 5 3 4 3 4 2 6 3 2 3 2 6 1 2
Bovis (7072/01)	7072/01	Bovis	M. bovis	3-4	1602	BOV	2 2 5 3 2 2 3 3 2 4 5 3 4 1 4 2 6 3 2 3 2 6 1 2
Bovis (9564/00)	9564/00	Bovis	M. bovis	152-7	670	BOVIS1	2 2 5 3 2 2 2 3 2 4 7 3 4 5 4 2 6 3 3 2 2 4 1 2
Bovis (951/01)	951/01	Bovis	M. bovis	6-7	482	BOVIS1_BCG	2 2 5 5 2 2 3 4 2 4 7 3 4 5 4 2 5 3 3 3 3 2 1 2
Bovis (1601/01)	1601/01	Bovis	M. bovis	2-2	1022	BOVIS1	2 2 3 3 2 2 3 3 2 2 2 3 4 4 4 2 5 3 3 3 2 5 1 2
Bovis (4258/00)	4258/00	Bovis	M. bovis	4-5	685	BOV	2 1 3 3 2 2 3 3 2 2 6 3 4 6 4 2 5 3 3 2 2 5 1 2
Bovis (5346/02)	5346/02	Bovis	M. bovis	8-2			2 2 3 2 2 2 3 3 2 3 3 3 4 4 4 2 5 3 3 3 2 4 1 2
Bovis (8490/00)	8490/00	Bovis	M. bovis	5-6	482	BOVIS1_BCG	2 2 5 4 2 2 4 3 2 4 4 3 4 3 4 1 3 3 3 3 2 5 1 2
Bovis (1290/03)	1290/03	Bovis	M. bovis	9-8	665	BOVIS1	2 2 5 3 2 2 1 3 2 3 6 3 3 5 6 2 1 3 3 3 2 5 1 2
Caprae (8986/99)	8986/99	Caprae	M. caprae	10-3	818	CAP	2 3 6 4 2 6 3 1 2 4 5 3 4 3 4 2 5 3 2 4 1 2 2 2
Caprae (7618/99)	7618/99	Caprae	M. caprae	15-3			2 3 3 4 2 6 4 1 2 4 5 3 4 3 4 2 5 3 2 6 1 2 2 2
Caprae (8522/00)	8522/00	Caprae	M. caprae	17-12	644	CAP	2 3 4 4 2 6 4 1 2 5 5 3 4 3 4 3 2 3 2 5 1 2 2 2
Caprae (1694/00)	1694/00	Caprae	M. caprae	11-3	647	CAP	2 2 5 2 2 5 5 3 2 3 7 3 4 3 4 2 5 3 2 5 1 3 3 2
Caprae (11443/99)	11443/99	Caprae	M. caprae	16-3	647	CAP	2 3 7 3 2 5 4 2 2 4 4 3 4 3 4 2 5 3 2 5 1 3 3 2
Caprae (7140/99)	7140/99	Caprae	M. caprae	18-3	647	CAP	2 3 6 2 2 5 4 2 2 4 4 3 4 3 4 2 5 3 2 5 1 3 3 2
Caprae (1696/00)	1696/00	Caprae	M. caprae	12-9	647	CAP	1 2 5 3 2 6 3 3 2 5 6 3 4 3 4 2 4 3 2 5 1 3 3 2
Caprae (8319/99)	8319/99	Caprae	M. caprae	20-3	647	CAP	2 2 5 3 2 7 3 3 2 5 4 3 4 3 4 2 4 3 2 5 1 3 3 2
Caprae (9062/01)	9062/01	Caprae	M. caprae	13-10	647	CAP	2 2 3 3 2 4 3 2 2 5 4 3 4 3 3 2 4 3 2 5 1 3 3 2
Caprae (9577/99)	9577/99	Caprae	M. caprae	14-11	1604	CAP	2 4 5 3 2 6 4 3 2 7 6 3 4 2 4 2 5 3 2 5 1 3 3 2
Caprae (5358/99)	5358/99	Caprae	M. caprae	19-3	647	CAP	2 4 5 3 2 6 2 3 2 4 5 3 4 3 4 2 4 3 2 5 1 3 3 2
West African 2 (5383/02)	5383/02	West African 2	M. africanum	38-18	326	AFRI_1	2 3 5 2 2 5 4 4 2 5 6 3 4 3 4 2 4 3 3 5 4 6 3 2
West African 2 (10512/01)	10512/01	West African 2	M. africanum	38-2	326	AFRI_1	2 3 5 2 2 5 4 4 2 5 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (10485/01)	10485/01	West African 2	M. africanum	40-2	326	AFRI_1	2 3 7 2 2 5 4 4 2 5 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (10476/01)	10476/01	West African 2	M. africanum	42-2	326	AFRI_1	2 3 5 2 2 5 4 4 2 3 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (10517/01)	10517/01	West African 2	M. africanum	44-2	326	AFRI_1	2 3 5 2 2 5 3 4 2 5 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (10462/01)	10462/01	West African 2	M. africanum	41-2	326	AFRI_1	2 3 5 2 2 6 4 4 2 4 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (8163/02)	8163/02	West African 2	M. africanum	45-2	181	AFRI_1	2 4 5 2 2 7 4 4 2 5 6 3 4 4 4 2 4 3 3 5 4 6 3 2
West African 2 (8236/02)	8236/02	West African 2	M. africanum	46-20	1867	AFRI_1	2 3 5 2 2 4 4 4 2 5 6 3 4 1 4 2 4 3 3 6 4 6 3 2
West African 2 (5468/02)	5468/02	West African 2	M. africanum	39-2	181	AFRI_1	2 3 5 2 1 7 4 4 2 6 6 3 4 4 4 2 4 3 3 5 4 6 4 2
West African 2 (10514/01)	10514/01	West African 2	M. africanum	43-19	326	AFRI_1	2 3 5 2 2 5 4 4 2 5 6 3 4 2 2 2 4 4 3 5 4 7 3 2
West African 2 (9550/00)	9550/00	West African 2	M. africanum	154-2	181	AFRI_1	2 2 5 3 1 7 2 4 2 4 6 3 4 4 4 2 4 3 3 4 4 6 3 2
West African 1 (1449/02)	1449/02	West African 1	M. africanum	47-21	330	AFRI	2 2 4 2 1 4 4 2 2 3 4 3 4 2 4 2 4 4 3 2 5 3 3 2
West African 1 (2577/02)	2577/02	West African 1	M. africanum	50-21			2 2 4 3 1 4 4 2 2 3 4 3 4 2 4 2 4 4 3 2 5 3 3 2
West African 1 (5398/02)	5398/02	West African 1	M. africanum	51-21	330	AFRI	2 2 4 2 1 4 4 2 2 3 4 3 4 2 4 2 4 4 3 2 3 3 3 2
West African 1 (10400/02)	10400/02	West African 1	M. africanum	56-21			2 3 4 2 1 4 3 2 2 3 4 3 4 2 4 2 4 4 3 2 3 3 3 2
West African 1 (3482/03)	3482/03	West African 1	M. africanum	54-22			2 3 4 2 1 4 4 2 2 6 4 3 4 2 4 2 4 2 3 2 3 3 3 2
West African 1 (1473/02)	1473/02	West African 1	M. africanum	49-21			2 3 4 2 1 3 5 2 2 5 4 3 4 2 4 2 4 4 3 2 3 3 3 2
West African 1 (5434/02)	5434/02	West African 1	M. africanum	52-21			2 3 4 2 1 3 4 2 2 * 4 3 4 2 4 2 4 4 3 2 3 3 3 2
West African 1 (5473/02)	5473/02	West African 1	M. africanum	53-21			2 3 6 2 1 3 4 2 2 5 4 3 4 2 4 2 4 4 3 2 3 3 4 2
West African 1 (4802/03)	4802/03	West African 1	M. africanum	55-21	330	AFRI	2 2 4 2 1 4 6 2 2 5 4 3 4 2 4 2 4 4 3 2 3 2 3 2
West African 1 (1410/02)	1410/02	West African 1	M. africanum	60-21			2 3 4 2 1 4 4 2 2 5 2 3 4 2 4 2 4 4 3 2 3 2 3 2
West African 1 (10473/01)	10473/01	West African 1	M. africanum	57-23			2 1 4 2 1 4 4 2 2 * 4 3 4 2 4 2 4 3 3 2 3 2 0 2
West African 1 (10458/02)	10458/02	West African 1	M. africanum	64-23			2 1 4 2 1 4 4 2 2 5 4 3 4 2 4 2 4 3 3 2 3 2 0 2
West African 1 (5432/02)	5432/02	West African 1	M. africanum	61-23			2 1 4 2 1 4 4 2 2 3 4 3 4 2 4 2 4 3 3 2 3 2 3 2
West African 1 (4804/03)	4804/03	West African 1	M. africanum	61-23			2 1 4 2 1 4 4 2 2 3 4 3 4 2 4 2 4 3 3 2 3 2 3 2
West African 1 (2569/02)	2569/02	West African 1	M. africanum	63-23	319	AFRI_2	2 1 4 2 1 4 4 2 2 6 4 3 4 2 4 2 4 3 3 2 3 2 3 2
West African 1 (8303/02)	8303/02	West African 1	M. africanum	65-23			2 1 4 2 1 4 4 2 2 5 4 3 4 2 4 2 4 3 3 2 3 2 3 2
West African 1 (10480/01)	10480/01	West African 1	M. africanum	58-23	331	AFRI_2	2 1 4 2 1 4 4 2 2 2 4 3 2 2 4 2 4 3 3 2 3 2 3 2
West African 1 (10494/01)	10494/01	West African 1	M. africanum	59-24	331	AFRI_2	2 1 4 2 1 7 5 2 2 5 4 3 4 3 4 2 4 2 3 2 3 2 3 2
West African 1 (1443/02)	1443/02	West African 1	M. africanum	62-22	331	AFRI_2	2 2 4 2 1 7 5 2 2 3 4 3 4 2 4 2 4 2 3 2 3 2 3 2
West African 1 (1465/02)	1465/02	West African 1	M. africanum	48-21			2 3 4 1 1 4 3 2 2 5 3 3 4 2 4 2 4 4 3 2 3 4 3 2
llama (6997/99)	6997/99	llama	M. microti	101-35	642	MICROTI	2 3 5 6 2 5 6 3 1 2 4 3 4 3 4 2 2 2 3 1 2 6 3 2
llama (8753/00)	8753/00	llama	M. microti	102-36	642	MICROTI	2 3 5 6 2 5 6 3 1 9 9 3 4 3 4 2 2 2 3 1 2 9 3 3
llama (417/01)	417/01	llama	M. microti	102-35	642	MICROTI	2 3 5 6 2 5 6 3 1 9 9 3 4 3 4 2 2 2 3 1 2 9 3 2
llama (8668/99)	8668/99	llama	M. microti	104-35	642	MICROTI	2 3 5 5 2 5 4 3 1 9 9 3 2 3 4 2 2 2 3 1 2 9 3 2
vole (1479/00)	1479/00	vole	M. microti	103-37	539	MICROTI	2 3 5 4 2 5 6 3 1 6 8 3 4 3 4 2 2 1 3 1 3 9 3 2
vole (287/99)	287/99	vole	M. microti	105-35	539	MICROTI	2 3 5 4 2 5 6 3 1 6 9 3 4 3 4 2 2 2 3 1 3 9 3 2
Seal (7739/01)	7739/01	Seal	M. pinnipedii	106-24			2 3 4 5 2 6 4 4 2 9 9 3 4 3 4 2 2 2 3 3 3 7 0 2
Seal (7011/02)	7011/02	Seal	M. pinnipedii	106-24			2 3 4 5 2 6 4 4 2 9 9 3 4 3 4 2 2 2 3 3 3 7 0 2
EAI (947/01)	947/01	EAI	M. tuberculosis	109-40	1390	EAI5	2 2 4 4 2 4 3 4 2 8 10 3 2 4 7 2 2 1 3 6 4 6 1 3
EAI (11051/03)	11051/03	EAI	M. tuberculosis	116-46	236	EAI5	2 2 4 4 3 4 2 5 2 2 7 3 2 5 5 2 2 3 3 5 4 5 1 3
EAI (12778/03)	12778/03	EAI	M. tuberculosis	117-47	152	EAI5	2 2 4 6 3 4 2 5 2 2 7 3 2 4 5 2 2 3 3 5 5 6 1 3
EAI (7190/03)	7190/03	EAI	M. tuberculosis	110-41	591	EAI6_BGD1	2 2 4 5 3 4 4 6 2 9 6 3 2 1 6 2 2 3 3 5 5 6 1 3
EAI (1797/03)	1797/03	EAI	M. tuberculosis	112-43	11	EAI3_IND	2 2 4 5 3 4 3 6 2 3 6 3 1 1 6 2 2 3 3 6 6 6 1 4
EAI (6538/03)	6538/03	EAI	M. tuberculosis	118-48	1628	EAI5	2 2 4 5 3 4 3 4 2 3 6 3 1 4 6 2 2 3 3 5 4 6 1 3
EAI (4850/03)	4850/03	EAI	M. tuberculosis	111-42			2 2 4 5 4 3 3 6 2 3 6 3 1 1 7 2 2 3 3 3 4 5 1 3
EAI (4058/03)	4058/03	EAI	M. tuberculosis	119-49	11	EAI3_IND	2 2 4 5 4 4 3 6 2 3 6 3 1 1 4 2 2 3 3 4 4 5 1 3
EAI (143B_ET)	143B_ET	EAI	M. tuberculosis	22451-87			2 1 4 5 4 5 3 6 2 3 5 3 1 4 6 2 2 3 3 6 4 5 1 2
EAI (11359/03)	11359/03	EAI	M. tuberculosis	120-50			2 2 4 5 4 5 3 3 1 11 8 3 2 5 6 2 2 3 3 5 6 6 1 3
EAI (9267/01)	9267/01	EAI	M. tuberculosis	113-44	19	EAI2_MANILLA	2 1 4 5 2 4 3 10 2 9 4 3 2 6 6 2 2 3 3 4 2 7 1 3
EAI (8915/03)	8915/03	EAI	M. tuberculosis	115-44	19	EAI2_MANILLA	2 1 4 5 2 4 3 10 2 8 4 3 2 6 6 2 2 3 3 4 2 7 1 3
EAI (6006/03)	6006/03	EAI	M. tuberculosis	114-45	138	EAI5	2 2 2 4 3 4 3 3 2 8 8 3 2 4 6 1 2 3 3 4 5 4 1 1
Ugandall (2176/99)	2176/99	Ugandall	M. tuberculosis	21-13			2 2 5 2 1 3 3 3 1 2 4 4 2 1 5 1 4 3 3 3 3 6 2 2
Ugandall (2253/99)	2253/99	Ugandall	M. tuberculosis	22-13			2 2 5 2 4 3 3 3 1 2 4 4 2 1 5 1 4 3 3 4 3 5 2 2
Ugandall (2191/99)	2191/99	Ugandall	M. tuberculosis	23-13	420	T2	2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 3 3 4 4 7 2 2
Ugandall (2319/99)	2319/99	Ugandall	M. tuberculosis	26-13	135	T2	2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 3 3 4 3 7 2 2
Ugandall (2211/99)	2211/99	Ugandall	M. tuberculosis	26-13			2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 3 3 4 3 7 2 2
Ugandall (1647/99)	1647/99	Ugandall	M. tuberculosis	25-13			2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 3 3 3 3 7 2 2
Ugandall (2379/99)	2379/99	Ugandall	M. tuberculosis	24-13	420	T2	2 2 5 2 3 3 3 3 1 2 3 4 2 1 5 1 4 3 3 4 3 7 2 2
Ugandall (2197/99)	2197/99	Ugandall	M. tuberculosis	27-13	420	T2	2 2 5 2 3 3 3 3 1 2 3 4 2 1 5 1 4 3 3 4 3 3 2 2
Ugandall (2307/99)	2307/99	Ugandall	M. tuberculosis	28-14	135	T2	2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 4 3 4 3 6 2 2
Ugandall (1521/99)	1521/99	Ugandall	M. tuberculosis	28-14	135	T2	2 2 5 2 3 3 3 3 1 2 4 4 2 1 5 1 4 4 3 4 3 6 2 2
Ugandal (2329/99)	2329/99	Ugandal	M. tuberculosis	35-15			2 2 5 2 3 3 3 2 2 3 4 4 2 2 5 1 3 3 3 2 3 7 2 2
Cameroon (5400/02)	5400/02	Cameroon	M. tuberculosis	72-26	61	LAM10_CAM	2 2 4 2 3 4 3 3 1 5 3 4 2 2 5 1 5 3 3 3 7 5 2 2
Cameroon (10439/01)	10439/01	Cameroon	M. tuberculosis	73-26	61	LAM10_CAM	2 2 4 2 3 3 3 3 1 6 4 4 2 2 5 1 5 3 3 3 13 5 2 2
Cameroon (1417/02)	1417/02	Cameroon	M. tuberculosis	75-26			2 2 4 2 3 3 3 3 1 5 4 4 2 2 5 1 5 3 3 3 6 5 2 2
Cameroon (5429/02)	5429/02	Cameroon	M. tuberculosis	77-26	61	LAM10_CAM	2 2 4 2 3 3 3 3 1 5 4 4 2 2 5 1 5 3 3 3 10 5 2 2
Cameroon (1428/02)	1428/02	Cameroon	M. tuberculosis	78-26	61	LAM10_CAM	2 2 4 2 3 3 3 3 1 4 4 4 2 2 5 1 5 3 3 3 4 5 2 2
Cameroon (10481/01)	10481/01	Cameroon	M. tuberculosis	74-26			2 2 4 2 3 3 3 3 1 4 2 4 2 2 5 1 5 3 3 3 9 4 2 2
Cameroon (10438/01)	10438/01	Cameroon	M. tuberculosis	79-26	61	LAM10_CAM	2 2 4 2 3 3 2 3 1 3 4 4 2 2 5 1 5 3 3 3 10 4 2 2
Cameroon (10445/01)	10445/01	Cameroon	M. tuberculosis	81-26	61	LAM10_CAM	2 2 4 2 3 3 3 3 1 6 4 4 2 2 5 1 5 3 3 3 8 4 0 2
Cameroon (5390/02)	5390/02	Cameroon	M. tuberculosis	76-26	61	LAM10_CAM	2 2 4 2 3 3 2 3 1 6 3 4 2 2 5 1 5 3 3 3 8 5 3 2
Cameroon (10446/01)	10446/01	Cameroon	M. tuberculosis	80-27	61	LAM10_CAM	1 2 4 2 3 3 2 3 1 4 3 4 2 2 5 1 4 3 3 3 9 5 2 2
Ugandal (2169/99)	2169/99	Ugandal	M. tuberculosis	29-15			2 1 4 2 2 3 2 3 2 3 4 4 2 2 5 1 4 3 3 2 2 7 2 2
Ugandal (2331/99)	2331/99	Ugandal	M. tuberculosis	30-15			2 1 5 2 2 3 2 3 2 3 4 4 2 2 5 1 5 3 3 4 2 4 2 2
Ugandal (2333/99)	2333/99	Ugandal	M. tuberculosis	30-15			2 1 5 2 2 3 2 3 2 3 4 4 2 2 5 1 5 3 3 4 2 4 2 2
Ugandal (2111/99)	2111/99	Ugandal	M. tuberculosis	32-15	52	T2	2 1 5 2 3 3 2 3 2 3 4 4 2 2 5 1 5 3 3 4 2 4 2 2
Ugandal (2263/99)	2263/99	Ugandal	M. tuberculosis	33-15	52	T2	2 1 5 2 3 3 2 3 2 3 4 4 2 2 5 1 4 3 3 4 2 4 2 2
Ugandal (1571/99)	1571/99	Ugandal	M. tuberculosis	37-15	78	T1-T2	2 1 5 2 3 3 2 3 2 2 4 4 2 2 5 1 5 3 3 4 2 7 2 2
Ugandal (2173/99)	2173/99	Ugandal	M. tuberculosis	31-15	52	T2	2 1 5 2 2 3 2 3 2 2 4 4 2 2 5 1 4 3 3 4 2 3 2 2
Ugandal (2224/99)	2224/99	Ugandal	M. tuberculosis	34-16	125	T2	2 3 5 2 2 3 3 2 2 3 4 4 2 2 5 1 5 3 4 5 3 6 2 2
Ugandal (2201/99)	2201/99	Ugandal	M. tuberculosis	36-17			2 3 5 2 2 3 3 3 2 2 4 4 2 2 5 1 5 3 2 4 2 6 2 2
-?- (106_ET)	106_ET		M. tuberculosis	22416-34			2 3 4 2 4 3 1 5 2 3 3 3 3 2 5 1 6 3 3 4 5 7 2 3
-?- (111_ET)	111_ET		M. tuberculosis	22421-69			2 2 4 2 4 4 2 2 2 3 3 3 4 2 5 1 5 3 3 2 4 3 2 2
-?- (121_ET)	121_ET		M. tuberculosis	22429-69			2 2 4 2 6 3 1 2 2 3 3 3 2 2 5 1 5 3 3 3 4 3 2 2
-?- (936B_ET)	936B_ET		M. tuberculosis	18473-69			2 2 4 2 4 3 1 2 2 3 3 3 2 2 5 1 5 3 3 3 4 7 2 2
-?- (948B_ET)	948B_ET		M. tuberculosis	22468-69			2 2 4 2 2 3 1 2 2 3 2 3 2 2 5 1 5 3 3 3 4 3 1 2
-?- (968B_ET)	968B_ET		M. tuberculosis	22470-69			2 1 4 2 4 4 1 2 2 3 2 3 2 2 5 1 5 3 3 3 4 3 2 2
-?- (125_ET)	125_ET		M. tuberculosis	22431-69			2 1 5 2 4 3 0 2 2 3 3 3 2 2 5 1 5 3 3 3 4 3 3 2
-?- (112_ET)	112_ET		M. tuberculosis	22422-15			2 2 4 2 4 4 2 3 2 2 2 4 4 2 5 1 4 3 3 4 4 3 2 2
-?- (137B_ET)	137B_ET		M. tuberculosis	22446-15			2 3 4 2 4 4 2 3 2 4 2 4 2 2 5 1 4 3 3 2 4 3 2 2
-?- (124_ET)	124_ET		M. tuberculosis	22430-15			2 2 4 2 4 3 3 3 2 4 2 4 2 2 5 1 4 3 3 3 0 3 2 2
Ghana (10469/01)	10469/01	Ghana	M. tuberculosis	66-25	53	T1	2 2 3 2 5 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (1438/02)	1438/02	Ghana	M. tuberculosis	66-25	53	T1	2 2 3 2 5 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (2597/02)	2597/02	Ghana	M. tuberculosis	66-25	53	T1	2 2 3 2 5 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (10470/01)	10470/01	Ghana	M. tuberculosis	67-25	53	T1	2 2 3 2 6 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (10486/01)	10486/01	Ghana	M. tuberculosis	67-25	53	T1	2 2 3 2 6 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (10515/01)	10515/01	Ghana	M. tuberculosis	67-25	53	T1	2 2 3 2 6 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (2570/02)	2570/02	Ghana	M. tuberculosis	69-25	53	T1	2 3 3 2 5 3 3 4 2 3 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (2582/02)	2582/02	Ghana	M. tuberculosis	70-25	53	T1	2 2 3 2 5 3 3 4 2 4 3 4 4 2 5 1 4 3 2 3 3 6 1 3
Ghana (5357/02)	5357/02	Ghana	M. tuberculosis	71-25	53	T1	2 2 3 2 7 3 3 4 2 4 3 4 5 2 5 1 4 3 2 3 3 6 1 3
Ghana (10493/01)	10493/01	Ghana	M. tuberculosis	68-25	53	T1	2 2 3 2 6 3 3 3 2 4 3 4 4 2 5 1 4 3 2 4 3 6 1 3
Haarlem (2336/02)	2336/02	Haarlem	M. tuberculosis	82-15	50	H3	2 1 3 2 3 5 3 3 2 3 3 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (4130/02)	4130/02	Haarlem	M. tuberculosis	83-15	487	H3	2 2 3 2 3 5 3 3 2 4 3 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (4993/02)	4993/02	Haarlem	M. tuberculosis	85-15	50	H3	2 3 3 2 3 5 3 3 2 4 3 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (9532/03)	9532/03	Haarlem	M. tuberculosis	88-15	50	H3	2 2 3 2 3 5 3 3 2 3 3 4 4 2 5 1 5 3 3 3 3 3 3 2
Haarlem (4192/03)	4192/03	Haarlem	M. tuberculosis	89-15	50	H3	2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (147B_ET)	147B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (150B_ET)	150B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (929B_ET)	929B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (943B_ET)	943B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (972B_ET)	972B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (978B_ET)	978B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (1016B_ET)	1016B_ET	Haarlem	M. tuberculosis	89-15			2 2 3 2 3 2 3 3 2 6 3 4 4 2 5 1 5 3 3 3 3 6 3 2
Haarlem (3342/02)	3342/02	Haarlem	M. tuberculosis	86-29			2 2 3 2 3 5 3 1 2 3 3 4 4 2 5 1 5 1 3 3 3 6 3 2
Haarlem (9400/02)	9400/02	Haarlem	M. tuberculosis	87-30	50	H3	2 2 3 2 4 5 3 3 2 6 3 2 4 2 4 1 5 3 3 3 3 7 3 2
Haarlem (12637/02)	12637/02	Haarlem	M. tuberculosis	90-31	2	H2	2 2 3 2 3 5 3 3 2 4 2 2 4 2 3 1 5 3 3 3 3 7 3 2
Haarlem (3103/03)	3103/03	Haarlem	M. tuberculosis	91-31	2	H2	2 2 3 2 3 5 3 3 2 5 3 2 4 2 3 1 5 3 3 3 3 7 3 2
Haarlem (8750/03)	8750/03	Haarlem	M. tuberculosis	93-15	47	H1	2 2 4 2 2 6 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (128_ET)	128_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 4 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (101_ET)	101_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (102_ET)	102_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (104_ET)	104_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (119_ET)	119_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (139B_ET)	139B_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (160B_ET)	160B_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 5 3 3 2 4 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (153B_ET)	153B_ET	Haarlem	M. tuberculosis	?-15			2 2 4 2 2 4 3 3 2 2 2 4 4 2 5 1 5 3 3 3 3 5 3 2
Haarlem (4217/02)	4217/02	Haarlem	M. tuberculosis	84-28	1586	H1	2 2 3 2 2 4 3 3 2 6 3 4 4 2 2 1 5 3 3 3 4 7 3 2
Haarlem (6946/03)	6946/03	Haarlem	M. tuberculosis	84-28	1586	H1	2 2 3 2 2 4 3 3 2 6 3 4 4 2 2 1 5 3 3 3 4 7 3 2
Haarlem (3686/03)	3686/03	Haarlem	M. tuberculosis	92-15	47	H1	2 2 3 2 2 4 3 3 2 4 3 4 4 2 5 1 5 3 3 3 4 6 3 2
X (9953/04)	9953/04	X	M. tuberculosis	143-62			2 2 4 2 2 4 3 4 2 2 3 4 4 2 6 1 5 3 3 3 4 9 3 2
X (4412/04)	4412/04	X	M. tuberculosis	142-15	119	X1	2 2 3 2 5 4 3 4 2 4 3 4 4 2 5 1 5 3 3 3 6 8 3 2
X (9787/04)	9787/04	X	M. tuberculosis	142-15	119	X1	2 2 3 2 5 4 3 4 2 4 3 4 4 2 5 1 5 3 3 3 6 8 3 2
TUR (10264/03)	10264/03	TUR	M. tuberculosis	155-15	41	LAM7_TUR	2 4 4 1 2 5 1 2 2 2 3 4 4 2 5 1 1 3 3 3 3 6 3 2
TUR (10529/03)	10529/03	TUR	M. tuberculosis	155-15	41	LAM7_TUR	2 4 4 1 2 5 1 2 2 2 3 4 4 2 5 1 1 3 3 3 3 6 3 2
TUR (11313/03)	11313/03	TUR	M. tuberculosis	155-15	41	LAM7_TUR	2 4 4 1 2 5 1 2 2 2 3 4 4 2 5 1 1 3 3 3 3 6 3 2
TUR (2258/03)	2258/03	TUR	M. tuberculosis	156-15	41	LAM7_TUR	2 4 4 1 2 5 1 3 2 2 3 4 4 2 5 1 1 3 3 3 3 7 3 2
TUR (116_ET)	116_ET	TUR	M. tuberculosis	1057-15			2 1 4 2 2 5 1 3 2 2 3 4 4 2 5 1 1 3 3 3 3 8 3 2
TUR (130_ET)	130_ET	TUR	M. tuberculosis	22436-15			2 0 4 2 2 5 1 3 2 2 3 4 4 2 5 1 1 3 3 3 3 8 4 2
TUR (152B_ET)	152B_ET	TUR	M. tuberculosis	22457-15			2 1 4 2 3 3 1 3 2 2 3 4 4 2 5 1 1 3 3 3 3 8 4 2
TUR (154B_ET)	154B_ET	TUR	M. tuberculosis	22459-15			2 1 4 2 2 3 1 3 2 2 3 4 4 2 5 1 1 3 3 3 3 8 1 2
TUR (158B_ET)	158B_ET	TUR	M. tuberculosis	22461-15			2 1 4 2 2 3 1 3 2 1 3 4 4 2 5 1 1 3 3 3 3 8 4 2
TUR (155B_ET)	155B_ET	TUR	M. tuberculosis	22456-15			2 1 4 2 2 3 1 3 2 1 3 4 4 2 5 1 1 3 3 3 3 7 1 2
TUR (146B_ET)	146B_ET	TUR	M. tuberculosis	22454-15			2 0 4 2 2 5 1 3 2 1 2 4 4 2 5 1 1 3 3 3 3 7 4 2
TUR (109_ET)	109_ET	TUR	M. tuberculosis	22419-15			2 1 4 2 2 5 2 3 2 1 3 4 6 2 5 1 1 3 3 2 3 8 3 2
TUR (113_ET)	113_ET	TUR	M. tuberculosis	22423-69			2 2 4 2 2 5 2 3 2 1 3 3 5 2 5 1 1 3 3 2 3 8 3 2
TUR (130B_ET)	130B_ET	TUR	M. tuberculosis	22439-15			2 1 4 2 3 4 1 3 2 2 3 4 4 2 5 1 1 3 3 2 4 8 3 2
TUR (134B_ET)	134B_ET	TUR	M. tuberculosis	22443-15			2 1 4 2 2 5 0 3 2 1 3 4 4 2 5 1 1 3 3 2 3 7 3 2
TUR (135B_ET)	135B_ET	TUR	M. tuberculosis	22444-15			2 1 4 2 2 4 0 3 2 1 3 4 4 2 5 1 1 3 3 2 4 7 3 2
TUR (144B_ET)	144B_ET	TUR	M. tuberculosis	22452-69			2 2 4 1 2 6 1 3 2 2 3 3 4 2 5 1 1 3 3 2 3 7 1 2
URAL (1657/03)	1657/03	URAL	M. tuberculosis	160-15	35	H4	2 4 4 2 2 9 2 3 2 2 4 4 4 2 5 1 1 3 3 3 3 8 3 2
URAL (2679/03)	2679/03	URAL	M. tuberculosis	161-15	35	H4	2 3 4 3 2 9 2 3 2 1 5 4 4 2 5 1 1 3 3 3 3 8 3 2
URAL (8431/03)	8431/03	URAL	M. tuberculosis	162-15	35	H4	2 2 4 2 2 10 2 5 2 2 4 4 4 2 5 1 1 3 3 2 3 8 3 2
URAL (141B_ET)	141B_ET	URAL	M. tuberculosis	22449-17			2 0 4 2 2 7 2 3 2 2 2 4 4 2 5 1 1 3 2 2 3 8 3 2
URAL (8577/03)	8577/03	URAL	M. tuberculosis	163-15	262	H4	2 3 5 2 3 7 2 3 2 2 4 4 4 2 5 1 1 3 3 2 3 6 3 2
URAL (138b_ET)	138b_ET	URAL	M. tuberculosis	22438-15			2 3 4 2 2 7 2 3 2 2 3 4 4 2 5 1 1 3 3 2 3 3 4 2
URAL (159B_ET)	159B_ET	URAL	M. tuberculosis	22462-15			2 3 4 2 2 8 2 4 2 2 4 4 4 2 5 1 1 3 3 2 3 7 4 2
URAL (131B_ET)	131B_ET	URAL	M. tuberculosis	22440-17			2 3 4 2 2 7 2 4 2 2 4 4 4 2 5 1 1 3 2 1 4 8 4 2
NEW-1 (8870/03)	8870/03	NEW-1	M. tuberculosis	157-65	127	H4	2 2 4 2 3 2 2 5 2 2 3 4 2 1 5 1 4 3 2 3 3 7 2 2
NEW-1 (12591/02)	12591/02	NEW-1	M. tuberculosis	159-65	127	H4	2 2 4 2 3 2 3 5 2 2 3 4 2 1 5 1 6 3 2 3 4 7 2 2
NEW-1 (10459/03)	10459/03	NEW-1	M. tuberculosis	158-66	127	H4	2 1 4 2 3 2 3 3 2 3 3 4 2 1 5 1 5 3 3 3 3 7 2 2
NEW-1 (100_ET)	100_ET	NEW-1	M. tuberculosis	22410-69			2 2 4 2 1 2 4 2 2 2 3 3 5 2 5 1 3 3 3 3 3 5 2 2
NEW-1 (126_ET)	126_ET	NEW-1	M. tuberculosis	22432-69			2 1 4 2 1 2 4 3 2 4 3 3 2 2 5 1 3 3 3 2 3 4 3 2
NEW-1 (129_ET)	129_ET	NEW-1	M. tuberculosis	22435-69			2 1 4 2 1 2 4 3 2 3 3 3 2 2 5 1 5 3 3 3 3 6 3 2
NEW-1 (963B_ET)	963B_ET	NEW-1	M. tuberculosis	22469-403			2 2 4 2 1 2 3 3 2 2 3 3 2 2 5 1 5 3 2 3 3 6 3 2
-?- (142B_ET)	142B_ET		M. tuberculosis	22450-76			2 1 3 2 4 6 3 2 1 5 3 2 3 2 3 1 5 3 3 3 3 7 2 2
-?- (1007B_ET)	1007B_ET	-?-	M. tuberculosis	?-85			2 1 4 2 5 6 3 2 2 4 2 4 2 2 5 1 8 2 3 3 3 6 2 2
Beijing (3256/02)	3256/02	Beijing	M. tuberculosis	94-32	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (3277/02)	3277/02	Beijing	M. tuberculosis	94-32	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (3364/02)	3364/02	Beijing	M. tuberculosis	94-32	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (3309/02)	3309/02	Beijing	M. tuberculosis	94-33	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 4
Beijing (4498/02)	4498/02	Beijing	M. tuberculosis	96-32	1	BEIJING	2 4 4 2 3 3 3 6 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (4499/02)	4499/02	Beijing	M. tuberculosis	97-32	265	BEIJING	2 4 4 2 3 3 3 3 2 6 4 4 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (3329/02)	3329/02	Beijing	M. tuberculosis	99-32	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 5 3 3 5 3 7 2 3
Beijing (4445/02)	4445/02	Beijing	M. tuberculosis	95-34	1	BEIJING	2 4 4 2 3 3 3 5 2 6 3 3 4 2 5 1 5 3 3 5 3 8 2 3
Beijing (3243/02)	3243/02	Beijing	M. tuberculosis	98-32	1	BEIJING	2 4 4 2 3 3 3 5 2 3 4 4 4 2 5 1 7 3 3 5 3 7 2 3
Beijing (4436/02)	4436/02	Beijing	M. tuberculosis	100-32	1	BEIJING	2 4 4 2 3 3 3 5 2 6 4 4 4 2 5 1 7 3 3 5 3 7 2 3
Delhi/CAS (7936/01)	7936/01	Delhi/CAS	M. tuberculosis	144-62	1092	CAS1_DELHI	2 5 2 2 3 5 2 4 2 2 4 4 2 2 6 1 7 3 3 5 2 8 4 2
Delhi/CAS (9915/01)	9915/01	Delhi/CAS	M. tuberculosis	145-62	1092	CAS1_DELHI	2 5 2 2 3 5 4 4 2 2 4 4 2 2 6 1 7 3 3 5 2 8 4 2
Delhi/CAS (6427/01)	6427/01	Delhi/CAS	M. tuberculosis	145-62	1092	CAS1_DELHI	2 5 2 2 3 5 4 4 2 2 4 4 2 2 6 1 7 3 3 5 2 8 4 2
Delhi/CAS (9398/01)	9398/01	Delhi/CAS	M. tuberculosis	145-62			2 5 2 2 3 5 4 4 2 2 4 4 2 2 6 1 7 3 3 5 2 8 4 2
Delhi/CAS (2637/02)	2637/02	Delhi/CAS	M. tuberculosis	147-62	1092	CAS1_DELHI	2 5 2 2 3 5 5 4 2 2 4 4 2 2 6 1 7 3 3 5 2 8 4 2
Delhi/CAS (7747/01)	7747/01	Delhi/CAS	M. tuberculosis	146-62	1092	CAS1_DELHI	2 5 2 2 3 5 4 4 2 2 4 4 2 2 6 1 4 3 3 5 2 7 4 2
Delhi/CAS (7507/01)	7507/01	Delhi/CAS	M. tuberculosis	148-32	357	CAS	2 4 2 2 3 6 4 5 2 2 4 4 2 2 5 1 9 3 3 4 3 8 4 3
Delhi/CAS (8260/01)	8260/01	Delhi/CAS	M. tuberculosis	151-63	25	CAS1_DELHI	2 4 2 2 3 5 4 4 2 2 4 4 2 2 4 1 8 3 3 4 3 8 4 3
Delhi/CAS (107_ET)	107_ET	Delhi/CAS	M. tuberculosis	22420-32			2 4 2 2 3 4 4 4 2 2 4 4 4 2 5 1 6 3 3 4 3 9 4 3
Delhi/CAS (110_ET)	110_ET	Delhi/CAS	M. tuberculosis	22420-32			2 4 2 2 3 4 4 4 2 2 4 4 4 2 5 1 6 3 3 4 3 9 4 3
Delhi/CAS (114_ET)	114_ET	Delhi/CAS	M. tuberculosis	22424-25			2 1 2 2 3 4 5 4 2 2 4 4 4 2 5 1 7 3 2 4 3 8 4 3
Delhi/CAS (115_ET)	115_ET	Delhi/CAS	M. tuberculosis	22425-25			2 4 2 2 3 4 5 4 2 2 4 4 4 2 5 1 7 3 2 4 3 8 4 3
Delhi/CAS (132B_ET)	132B_ET	Delhi/CAS	M. tuberculosis	22441-394			2 4 2 2 3 4 3 4 2 2 4 4 2 2 5 1 8 3 1 4 3 7 3 3
Delhi/CAS (136B_ET)	136B_ET	Delhi/CAS	M. tuberculosis	22445-32			2 4 2 2 3 7 3 2 2 2 4 4 2 2 5 1 5 3 3 4 3 7 3 3
Delhi/CAS (1805/02)	1805/02	Delhi/CAS	M. tuberculosis	149-32	26	CAS1_DELHI	2 4 2 2 3 4 4 2 2 2 4 4 2 2 5 1 3 3 3 5 3 5 4 3
Delhi/CAS (122_ET)	122_ET	Delhi/CAS	M. tuberculosis	12307-32			2 5 2 2 3 4 4 6 2 2 4 4 2 2 5 1 7 3 3 5 3 8 2 3
Delhi/CAS (7746/01)	7746/01	Delhi/CAS	M. tuberculosis	150-32	26	CAS1_DELHI	2 3 2 2 3 6 2 4 2 2 4 4 2 2 5 1 7 3 3 5 3 2 2 3
Delhi/CAS (957B_ET)	957B_ET	Delhi/CAS	M. tuberculosis	17255-32			2 3 2 2 3 6 4 4 2 2 4 4 2 2 5 1 5 3 3 5 3 7 2 3
Delhi/CAS (1032B_ET)	1032B_ET	Delhi/CAS	M. tuberculosis	22475-32			2 1 2 2 3 6 3 4 2 2 4 4 2 2 5 1 5 3 3 5 3 7 3 3
Delhi/CAS (156B_ET)	156B_ET	Delhi/CAS	M. tuberculosis	22460-15			2 3 2 2 3 6 4 2 2 2 4 4 2 2 5 1 5 3 3 5 3 7 1 2
Delhi/CAS (120_ET)	120_ET	Delhi/CAS	M. tuberculosis	13802-32			2 2 2 2 4 7 4 3 2 2 4 4 2 2 5 1 1 3 3 4 2 5 5 3
Delhi/CAS (937B_ET)	937B_ET	Delhi/CAS	M. tuberculosis	22466-32			2 4 2 2 4 7 1 3 2 2 4 4 2 2 5 1 1 3 3 5 2 5 1 3
Delhi/CAS (132_ET)	132_ET	Delhi/CAS	M. tuberculosis	22437-32			2 3 2 2 2 6 4 6 2 2 4 4 2 2 5 1 6 3 3 5 2 3 3 3
Delhi/CAS (151B_ET)	151B_ET	Delhi/CAS	M. tuberculosis	14048-15			2 3 2 2 2 6 4 6 2 2 4 4 2 2 5 1 6 3 3 5 2 6 5 2
Delhi/CAS (145B_ET)	145B_ET	Delhi/CAS	M. tuberculosis	22453-32			2 1 2 2 2 7 4 6 2 2 4 4 2 2 5 1 6 3 3 5 2 5 4 3
Delhi/CAS (103_ET)	103_ET	Delhi/CAS	M. tuberculosis	22413-1811			2 4 2 2 3 5 4 4 2 4 4 8 5 2 5 1 1 3 3 4 3 4 3 3
LAM (8078/03)	8078/03	LAM	M. tuberculosis	121-51	159	T1 (Tuscany variant)	1 3 2 2 4 4 3 3 2 2 2 4 1 2 6 1 5 3 3 2 2 6 2 2
LAM (3262/02)	3262/02	LAM	M. tuberculosis	121-52	254	T5_RUS1	1 3 2 2 4 4 3 3 2 2 2 4 1 2 5 1 5 3 3 2 2 6 2 2
LAM (10581/03)	10581/03	LAM	M. tuberculosis	122-52	264	T1	1 1 2 2 4 4 3 3 2 2 2 4 1 2 5 1 5 3 3 2 2 5 2 2
LAM (117_ET)	117_ET	LAM	M. tuberculosis	122-178			1 1 2 2 4 4 3 3 3 2 2 4 1 2 5 1 5 3 3 2 2 5 2 2
LAM (133_ET)	133_ET	LAM	M. tuberculosis	122-178			1 1 2 2 4 4 3 3 3 2 2 4 1 2 5 1 5 3 3 2 2 5 2 2
LAM (108_ET)	108_ET	LAM	M. tuberculosis	796-178			1 1 2 2 4 4 3 3 3 2 2 4 1 2 5 1 5 3 3 2 2 6 2 2
LAM (118_ET)	118_ET	LAM	M. tuberculosis	?-178			1 1 1 2 4 4 3 3 3 2 2 4 1 2 5 1 5 3 3 2 2 5 2 2
LAM (127_ET)	127_ET	LAM	M. tuberculosis	?-178			1 1 2 2 4 4 4 3 3 2 2 4 1 2 5 1 5 3 3 2 2 5 2 2
LAM (3310/02)	3310/02	LAM	M. tuberculosis	129-52	42	LAM9	1 4 2 2 5 4 3 3 2 2 2 4 1 2 5 1 4 3 3 2 2 6 2 2
LAM (4431/02)	4431/02	LAM	M. tuberculosis	130-52	254	T5_RUS1	1 3 2 2 5 4 3 3 2 2 2 4 1 2 5 1 4 3 3 2 2 5 2 2
LAM (4428/02)	4428/02	LAM	M. tuberculosis	128-57	42	LAM9	2 3 4 2 6 4 3 3 2 1 1 4 1 2 7 1 5 3 3 2 2 6 2 2
LAM (3995/03)	3995/03	LAM	M. tuberculosis	123-53	376	LAM3	2 3 2 2 4 4 3 3 2 3 2 4 2 2 6 1 5 3 1 3 1 4 2 2
LAM (7968/03)	7968/03	LAM	M. tuberculosis	124-53	33	LAM3	2 3 2 2 3 4 3 3 2 4 2 4 2 2 6 1 5 3 1 3 1 4 2 2
-?- (133B_ET)	133B_ET	-?-	M. tuberculosis	22442-62			2 3 4 2 3 4 3 4 2 4 2 4 2 2 6 1 6 3 3 2 1 7 2 2
S (11046/04)	11046/04	S	M. tuberculosis	131-58	34	S	3 3 4 3 4 3 3 1 2 4 3 2 2 2 5 1 5 3 3 3 3 9 2 2
S (2318/06)	2318/06	S	M. tuberculosis	134-58	34	S	3 4 4 3 5 2 3 1 2 5 3 2 2 2 5 1 5 3 3 3 3 8 2 2
S (742/06)	742/06	S	M. tuberculosis	134-58	34	S	3 4 4 3 5 2 3 1 2 5 3 2 2 2 5 1 5 3 3 3 3 8 2 2
S (1897/04)	1897/04	S	M. tuberculosis	132-59	34	S	3 3 5 3 4 3 3 1 2 3 3 4 2 2 5 1 5 4 2 3 3 2 2 2
S (4526/04)	4526/04	S	M. tuberculosis	137-60	34	S	3 3 4 3 5 3 2 1 2 3 4 4 2 2 5 1 4 3 2 3 3 8 2 2
S (6424/05)	6424/05	S	M. tuberculosis	139-60	34	S	3 3 4 3 4 3 3 1 2 3 4 4 2 2 5 1 4 3 2 3 3 8 2 2
S (6411/05)	6411/05	S	M. tuberculosis	138-59	1211	S	3 3 4 3 5 3 3 1 2 4 3 4 2 2 5 1 5 4 2 3 4 4 0 2
S (2151/03)	2151/03	S	M. tuberculosis	133-15	71	S	2 3 4 3 4 3 3 1 2 2 4 4 2 2 5 1 5 3 3 3 7 7 2 2
S (7955/03)	7955/03	S	M. tuberculosis	140-15	34	S	2 3 4 3 4 3 2 1 2 4 4 4 2 2 5 1 5 3 3 3 3 10 2 2
S (282/04)	282/04	S	M. tuberculosis	135-15	34	S	2 3 4 3 6 3 3 1 2 5 4 4 2 2 5 1 3 3 3 3 3 5 0 2
S (3270/04)	3270/04	S	M. tuberculosis	136-17	34	S	2 2 4 3 6 3 2 1 2 2 4 4 2 2 5 1 5 3 2 3 1 9 2 2
S (8583/04)	8583/04	S	M. tuberculosis	141-61	784	T2-S	3 3 4 3 2 3 3 1 2 5 4 4 2 2 5 1 3 4 3 2 3 7 2 2
LAM (1850/03)	1850/03	LAM	M. tuberculosis	125-54	42	LAM9	2 4 4 2 1 4 2 3 2 2 2 4 1 1 6 1 4 3 5 3 3 3 2 2
LAM (8885/03)	8885/03	LAM	M. tuberculosis	126-55	42	LAM9	2 4 4 2 1 3 2 3 2 3 2 4 1 1 6 1 4 1 5 3 2 8 2 2
LAM (946/03)	946/03	LAM	M. tuberculosis	127-56	20	LAM1	2 1 4 2 1 3 1 3 2 2 2 5 1 2 6 1 5 3 3 3 3 4 2 2
H37Rv (9679/00)	9679/00	H37Rv	M. tuberculosis	153-64	451	H37Rv	2 2 4 3s 1 3 2 2 2 5 3 4 2 3 6 1 3 3 3 3 5 5 2 2
-?- (105_ET)	105_ET		M. tuberculosis	22415-1812			1 2 4 2 4 7 4 2 2 2 3 4 3 3 4 2 6 3 4 5 1 8 3 7
Canetti (3040/99)	3040/99	Canetti	M. canetti	107-38	592	CANETTII	3 3 3 1 6 3 3 2 1 11 10 5 5 6 8 6 7 2 2 6 4 6 1 3
Canetti (3041/99)	3041/99	Canetti	M. canetti	108-39	592	CANETTII	3 3 6 2 8 3 2 3 1 11 10 5 2 4 2 6 3 2 4 4 2 5 1 2