

Supplemental Table S3. Detailed results obtained including demographic, epidemiologic, drug-resistance, and genotyping information on a total of 2257 M. tuberculosis strains isolated in the Rhône-Alpes Region, France

IsoNumber	Year	Sex	Age	Spoligotype Description	Octal code	SIT*	Lineage	MIRU12	12-MIT	MIRU15	15-MIT	DST Code**	DST Comment	Origin	Type of disease***
FXX162005200606	2005	F	20	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	123325153433	Orphan	233543-----	Orphan	2	INH, RIF, SM, PZA	Chechnya	EP
FXX162005100656	2005	F	49	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325003433	Orphan	233043-----	Orphan	1		Vietnam	EP
FXX162008101559	2008	M	26	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	2337533446824544	Orphan	1		unknown	EP
FXX162010102112	2010	M	16	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-232---7-5-3	Orphan	232753446824543	Orphan	1		Afghanistan	EP
FXX162010102356	2010	F	27	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445824543	327	1		Maghreb	EP
FXX162005000711	2005	F	43	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	203325173433	Orphan	033743-----	Orphan	0		unknown	NA
FXX162006000929	2006	F	28	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	222321173443	1550	223743-----	Orphan	0		unknown	NA
FXX162006000931	2006	F	76	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	222321173443	1550	223743-----	Orphan	0		unknown	NA
FXX162006000936	2006	M	39	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	222321173443	1550	223743-----	Orphan	0		unknown	NA
FXX162007001163	2007	M	17	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	222325163544	282	223654-----	Orphan	0		unknown	NA
FXX162006000995	2006	M	36	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	222325173433	Orphan	223743-----	Orphan	0		unknown	NA
FXX162005000727	2005	F	34	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325163433	376	233643-----	Orphan	0		unknown	NA
FXX162007001266	2007	M	30	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325163533	83	233653-----	Orphan	0		unknown	NA
FXX162007001154	2007	M	53	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173333	721	233733-----	Orphan	0		unknown	NA
FXX162005000607	2005	M	26	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	0		unknown	NA
FXX162006000996	2006	M	17	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	0		unknown	NA
FXX162007001244	2007	M	61	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173533	17	233753-----	Orphan	0		unknown	NA
FXX162007001247	2007	F	8	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	22332-173533	Orphan	233753-----	Orphan	0		unknown	NA
FXX162005100602	2005	M	27	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223-25173433	Orphan	23-743-----	Orphan	1		unknown	NA
FXX162007001311	2007	M	25	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-223---7-5-3	Orphan	223753442824523	Orphan	0		unknown	NA
FXX162010002233	2010	M	29	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-223---7-5-3	Orphan	223753446824543	Orphan	0		unknown	NA
FXX162010002127	2010	M	28	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-3-2	Orphan	233732247842443	Orphan	0		unknown	NA
FXX162010002153	2010	M	57	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	23375355824623	Orphan	0		unknown	NA
FXX162010002052	2010	M	55	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-230---5-5-3	Orphan	23353445824544	Orphan	0		unknown	NA
FXX162009002066	2009	M	51	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---6-5-3	Orphan	233653446724443	Orphan	0		unknown	NA
FXX162007001312	2007	M	26	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445824543	327	0		unknown	NA
FXX162008001607	2008	M	25	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753446822544	Orphan	0		unknown	NA
FXX162009001778	2009	F	37	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445824543	327	0		unknown	NA
FXX162009001889	2009	M	68	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445824543	327	0		unknown	NA
FXX162005100661	2005	M	27	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	221325183433	Orphan	213843-----	Orphan	1		China	P
FXX162006101011	2006	M	24	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173533	17	223753444-24543	Orphan	1		unknown	P
FXX162006100690	2006	M	38	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223125173233	Orphan	231723-----	Orphan	1		France	P
FXX162006100834	2006	M	50	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325153433	592	233543-----	Orphan	1		Armenia	P
FXX162006301058	2006	M	36	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325153533	16	233553-----	Orphan	3	SM	Azerbaijan	P
FXX162003100257	2003	M	41	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325163333	1133	233633-----	Orphan	1		Senegal	P
FXX162005100538	2005	M	44	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325163333	1133	233633-----	Orphan	1		France	P
FXX162006100782	2006	M	27	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325163433	376	233643-----	Orphan	1		India	P
FXX162006100765	2006	F	49	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	1		France	P
FXX162006300829	2006	M	24	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	3	SM, INH	China	P
FXX162006100837	2006	M	18	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	1		France	P
FXX162006100976	2006	F	34	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	1		unknown	P
FXX162006000986	2006	M	28	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	0		France	P
FXX162006001022	2006	F	29	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	223325173433	86	233743-----	Orphan	0		France	P
FXX162006100780	2006	M	23	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	323325173633	Orphan	233763-----	Orphan	1		Korea	P
FXX162010202197	2010	M	30	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---5-4-3	Orphan	233543446824523	Orphan	2	SM, RIF, INH, ETH, PZA	unknown	P
FXX162009201720	2009	M	18	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---5-4-4	Orphan	233544442724543	Orphan	2	SM, RIF, INH, ETH, PZA	unknown	P
FXX162010102194	2010	M	37	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---5-5-3	Orphan	233553446824543	142	1		unknown	P
FXX162009101971	2009	M	19	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-2-3	Orphan	233723444824543	Orphan	1		unknown	P
FXX162010102023	2010	M	44	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-3-3	Orphan	23373344-334-43	Orphan	1		unknown	P
FXX162009101805	2009	M	48	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-4-3	Orphan	23373446824543	Orphan	1		unknown	P
FXX162008101593	2008	M	21	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445825543	Orphan	1		unknown	P
FXX162009101823	2009	M	33	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	23375344644443	Orphan	1		unknown	P
FXX162009101934	2009	F	39	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753447444443	Orphan	1		Thailand	P
FXX162010102242	2010	M	37	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■	00000000003771	1	Beijing	-233---7-5-3	Orphan	233753445824543	327	1		Algeria	P

FXX162007101112	2007	F	25	██████████	77403777760700	31	T	223222153323	9	232533-----	Orphan	1		Algeria	EP
FXX162001100029	2001	F	57	██████████	77403777760700	31	T					1		France	EP
FXX162003100307	2003	M	87	██████████	77403777760700	31	T					1		France	EP
FXX16200000392	2000	F	74	██████████	77403777760700	31	T					0		France	EP
FXX162007001252	2007	M	45	██████████	77403777760700	31	T	123325153323	897	233533-----	Orphan	0		unknown	NA
FXX162006000872	2006	F	67	██████████	77403777760700	31	T	223325123323	1557	233233343422226	Orphan	0		unknown	NA
FXX162006000840	2006	M	49	██████████	77403777760700	31	T	223325153325	219	233535-----	Orphan	0		unknown	NA
FXX162008001456	2008	F	84	██████████	77403777760700	31	T	-233--5-3-3	Orphan	233533343522223	322	0		unknown	NA
FXX162008001584	2008	M	62	██████████	77403777760700	31	T	-233--5-3-3	Orphan	233533343522223	322	0		unknown	NA
FXX162008001686	2008	F	61	██████████	77403777760700	31	T	-233--5-3-3	Orphan	233533343522223	322	0		unknown	NA
FXX162010002205	2010	F	78	██████████	77403777760700	31	T	-233--5-3-5	Orphan	233533544522223	Orphan	0		unknown	NA
FXX162005000668	2005	F	78	██████████	77403777760700	31	T					0		unknown	NA
FXX162001100094	2001	F	27	██████████	77403777760700	31	T					1		France	P
FXX162008101500	2008	M	61	██████████	77403777760700	31	T					1		unknown	P
FXX162006000903	2006	F	31	██████████	77600000000171	32	Unknown					0		unknown	NA
FXX162008101173	2008	M	68	██████████	77617607760771	33	LAM3	224226153323	242	242533224724321	261	1		unknown	EP
FXX162005100659	2005	F	81	██████████	77617607760771	33	LAM3	224326153425	Orphan	243545-----	Orphan	1		Spain	EP
FXX162008001667	2008	F	18	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	24253422624221	329	0		unknown	EP
FXX162008101596	2008	F	66	██████████	77617607760771	33	LAM3	-243--5-3-3	Orphan	243533243624321	339	1		unknown	EP
FXX162000000284	2000	F	76	██████████	77617607760771	33	LAM3					0		France	EP
FXX162007001157	2007	M	24	██████████	77617607760771	33	LAM3	224226153312	Orphan	242532-----	Orphan	0		unknown	NA
FXX162006000932	2006	F	86	██████████	77617607760771	33	LAM3	224226153323	242	242533-----	Orphan	0		unknown	NA
FXX162007001231	2007	M	79	██████████	77617607760771	33	LAM3	224326152323	226	243533-----	Orphan	0		unknown	NA
FXX162006000943	2006	M	79	██████████	77617607760771	33	LAM3	224326153323	213	243533-----	Orphan	0		unknown	NA
FXX162006000899	2006	M	56	██████████	77617607760771	33	LAM3	224336153323	Orphan	243533-----	Orphan	0		unknown	NA
FXX162007001092	2007	M	64	██████████	77617607760771	33	LAM3	225326153323	247	243533-----	Orphan	0		unknown	NA
FXX162008001412	2008	M	76	██████████	77617607760771	33	LAM3	-232--5-3-3	Orphan	23253324424321	Orphan	0		unknown	NA
FXX162010002297	2010	M	18	██████████	77617607760771	33	LAM3	-242--5-3-3	Orphan	242533224724321	261	0		unknown	NA
FXX162010002328	2010	M	36	██████████	77617607760771	33	LAM3	-242--5-3-3	Orphan	242533221423221	Orphan	0		unknown	NA
FXX162009002037	2009	F	34	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	242534224624221	329	0		unknown	NA
FXX162010002340	2010	F	20	██████████	77617607760771	33	LAM3	-243--7-3-6	Orphan	243736242433312	Orphan	0		unknown	NA
FXX162006100683	2006	M	26	██████████	77617607760771	33	LAM3	224226153324	877	242534-----	Orphan	1		France	P
FXX162008101434	2008	F	30	██████████	77617607760771	33	LAM3	-242--5-3-3	Orphan	242533221-24321	Orphan	1		unknown	P
FXX162009301692	2009	M	24	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	242534223326221	Orphan	3		SM, INH	P
FXX162009101817	2009	M	21	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	242534223624221	328	1		France	P
FXX162010102282	2010	M	87	██████████	77617607760771	33	LAM3	-243--5-3-3	Orphan	243533224425421	Orphan	1		unknown	P
FXX162010102014	2010	F	81	██████████	77617607760771	33	LAM3	-243--5-3-5	Orphan	243535243623321	Orphan	1		France	P
FXX162003100058	2003	M	64	██████████	77617607760771	33	LAM3					1		France	P
FXX162002300189	2002	M	55	██████████	77617607760771	33	LAM3					3		SM	P
FXX162003000409	2003	M	71	██████████	77617607760771	33	LAM3					0		France	P
FXX162008001491	2008	M	23	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	242534223624221	328	0		unknown	P
FXX162008101670	2008	F	2	██████████	77617607760771	33	LAM3	-242--5-3-4	Orphan	242533221423221	328	1		unknown	P
FXX162005100679	2005	M	25	██████████	77637777760771	34	S	231325153324	Orphan	313534-----	Orphan	1		Congo	EP
FXX162005000674	2005	F	73	██████████	77637777760771	34	S	233225134322	Orphan	332332-----	Orphan	0		unknown	NA
FXX162005000544	2005	M	42	██████████	77637777760771	34	S	233324143324	1587	333434-----	Orphan	0		unknown	NA
FXX162007001246	2007	F	46	██████████	77637777760771	34	S	233324143324	1587	333434-----	Orphan	0		unknown	NA
FXX162005000705	2005	M	20	██████████	77637777760771	34	S	333215153222	680	332522-----	Orphan	0		unknown	NA
FXX162006000934	2006	F	78	██████████	77637777760771	34	S	333215153222	680	332522-----	Orphan	0		unknown	NA
FXX162006000997	2006	M	35	██████████	77637777760771	34	S	-2-261533-1	Orphan	2--531-----	Orphan	0		unknown	NA
FXX162008001711	2008	M	31	██████████	77637777760771	34	S	-333--4-3-4	Orphan	33343444323123	Orphan	0		unknown	NA
FXX162008001647	2008	F	65	██████████	77637777760771	34	S	-333--5-2-2	Orphan	33352243423123	Orphan	0		unknown	NA
FXX162010002132	2010	F	81	██████████	77637777760771	34	S	-33--5-3-4	Orphan	33-534445923123	Orphan	0		unknown	NA
FXX162001000078	2001	M	24	██████████	77637777760771	34	S	233324143324	1587	333434-----	Orphan	0		Algeria	P
FXX162006101019	2006	M	38	██████████	77637777760771	34	S	233324143324	1587	333434-----	Orphan	1		Algeria	P
FXX162005100587	2005	M	59	██████████	77637777760771	34	S	233325153324	212	333534-----	Orphan	1		France	P
FXX162008101661	2008	M	41	██████████	77637777760771	34	S	-332--5-2-2	Orphan	332522445823123	Orphan	1		Morocco	P
FXX162001100054	2001	F	31	██████████	77637777760771	34	S					1		Algeria	P

FXX162008101400	2008	F	76	██████████████████████████████	7777760760771	42	LAM9	-233--5-3-7	Orphan	233537242633312	Orphan	1	unknown	EP
FXX162008101494	2008	F	27	██████████████████████████████	7777760760771	42	LAM9	-233--8-3-7	Orphan	233837242434212	Orphan	1	unknown	EP
FXX162008101551	2008	F	41	██████████████████████████████	7777760760771	42	LAM9	-242--5-3-1	Orphan	242531242324312	Orphan	1	unknown	EP
FXX162008101430	2008	M	37	██████████████████████████████	7777760760771	42	LAM9	-243--8-4-4	Orphan	243844243524226	345	1	Morocco	EP
FXX162008101631	2008	F	48	██████████████████████████████	7777760760771	42	LAM9	-243--8-4-5	Orphan	243845243525228	262	1	unknown	EP
FXX162010202098	2010	M	62	██████████████████████████████	7777760760771	42	LAM9	-243--8-5-4	Orphan	243854242524224	Orphan	2	RIF, INH, SM	EP
FXX162001100097	2001	M	67	██████████████████████████████	7777760760771	42	LAM9					1	Morocco	EP
FXX162003100118	2003	M	32	██████████████████████████████	7777760760771	42	LAM9					1	Morocco	EP
FXX162000100159	2000	F	61	██████████████████████████████	7777760760771	42	LAM9					1	France	EP
FXX162002100171	2002	M	55	██████████████████████████████	7777760760771	42	LAM9					1	Tunisia	EP
FXX162002100179	2002	M	77	██████████████████████████████	7777760760771	42	LAM9					1	Algeria	EP
FXX162003200270	2003	F	48	██████████████████████████████	7777760760771	42	LAM9					2	INH, RIF, SM	EP
FXX162004100469	2004	M	7	██████████████████████████████	7777760760771	42	LAM9					1	Morocco	EP
FXX162004100483	2004	F	55	██████████████████████████████	7777760760771	42	LAM9					1	Vietnam	EP
FXX162006000963	2006	F	75	██████████████████████████████	7777760760771	42	LAM9	124326153322	991	243532-----	Orphan	0	unknown	NA
FXX162007001243	2007	M	69	██████████████████████████████	7777760760771	42	LAM9	124326153322	991	243532-----	Orphan	0	unknown	NA
FXX162007001260	2007	F	39	██████████████████████████████	7777760760771	42	LAM9	124326153323	249	243533-----	Orphan	0	unknown	NA
FXX162006000905	2006	M	94	██████████████████████████████	7777760760771	42	LAM9	124326163224	565	243624-----	Orphan	0	unknown	NA
FXX162006001054	2006	F	80	██████████████████████████████	7777760760771	42	LAM9	221325133426	Orphan	213346-----	Orphan	0	unknown	NA
FXX162007001261	2007	F	56	██████████████████████████████	7777760760771	42	LAM9	223126142321	1262	231431-----	Orphan	0	unknown	NA
FXX162006000842	2006	M	48	██████████████████████████████	7777760760771	42	LAM9	223226133321	298	232331-----	Orphan	0	unknown	NA
FXX162006001007	2006	M	83	██████████████████████████████	7777760760771	42	LAM9	223226153321	128	232531-----	Orphan	0	unknown	NA
FXX162005000718	2005	M	24	██████████████████████████████	7777760760771	42	LAM9	223326163424	1500	233644-----	Orphan	0	unknown	NA
FXX162007001273	2007	M	23	██████████████████████████████	7777760760771	42	LAM9	224325182425	1570	243845243525228	262	0	unknown	NA
FXX162007001102	2007	M	45	██████████████████████████████	7777760760771	42	LAM9	224226143321	738	242431-----	Orphan	0	unknown	NA
FXX162007001253	2007	F	82	██████████████████████████████	7777760760771	42	LAM9	224226143321	738	242431-----	Orphan	0	unknown	NA
FXX162007001269	2007	F	56	██████████████████████████████	7777760760771	42	LAM9	224316153226	Orphan	243526-----	Orphan	0	unknown	NA
FXX162006000811	2006	F	47	██████████████████████████████	7777760760771	42	LAM9	224324183422	1503	243842-----	Orphan	0	unknown	NA
FXX162006000771	2006	F	38	██████████████████████████████	7777760760771	42	LAM9	224325133422	Orphan	243342-----	Orphan	0	unknown	NA
FXX162006000962	2006	F	51	██████████████████████████████	7777760760771	42	LAM9	224325163323	343	243633-----	Orphan	0	unknown	NA
FXX162006000796	2006	M	60	██████████████████████████████	7777760760771	42	LAM9	224325172424	965	243744-----	Orphan	0	unknown	NA
FXX162006000860	2006	M	58	██████████████████████████████	7777760760771	42	LAM9	224326153325	843	243535-----	Orphan	0	unknown	NA
FXX162006000888	2006	M	31	██████████████████████████████	7777760760771	42	LAM9	224326173424	347	243744-----	Orphan	0	unknown	NA
FXX162010002171	2010	M	21	██████████████████████████████	7777760760771	42	LAM9	-213--6-2-6	Orphan	213626242734312	299	0	unknown	NA
FXX162008001578	2008	M	67	██████████████████████████████	7777760760771	42	LAM9	-223--5-4-7	Orphan	223547242733312	Orphan	0	unknown	NA
FXX162010002225	2010	M	53	██████████████████████████████	7777760760771	42	LAM9	-232--4-3-1	Orphan	232431243824312	Orphan	0	unknown	NA
FXX162007001308	2007	M	18	██████████████████████████████	7777760760771	42	LAM9	-233--5-3-6	Orphan	233536242533312	Orphan	0	unknown	NA
FXX162009001876	2009	F	43	██████████████████████████████	7777760760771	42	LAM9	-233--8-3-3	Orphan	233833242833212	Orphan	0	unknown	NA
FXX162008001638	2008	F	22	██████████████████████████████	7777760760771	42	LAM9	-234--7-3-3	Orphan	234733245522224	Orphan	0	unknown	NA
FXX162009001782	2009	M	60	██████████████████████████████	7777760760771	42	LAM9	-242--7-4-6	Orphan	242746223522225	Orphan	0	unknown	NA
FXX162008001445	2008	M	25	██████████████████████████████	7777760760771	42	LAM9	-242--4-3-1	Orphan	242431244425312	Orphan	0	unknown	NA
FXX162008001525	2008	F	80	██████████████████████████████	7777760760771	42	LAM9	-242--5-3-1	Orphan	242531246625312	Orphan	0	unknown	NA
FXX162007001346	2007	F	29	██████████████████████████████	7777760760771	42	LAM9	-242--5-3-3	Orphan	242533242733312	Orphan	0	unknown	NA
FXX162009001868	2009	M	35	██████████████████████████████	7777760760771	42	LAM9	-242--5-3-5	Orphan	242535242733112	332	0	unknown	NA
FXX162008001648	2008	M	84	██████████████████████████████	7777760760771	42	LAM9	-242--8-4-4	Orphan	242844243524226	Orphan	0	unknown	NA
FXX162010002175	2010	M	49	██████████████████████████████	7777760760771	42	LAM9	-243--5-2-4	Orphan	243524222423312	Orphan	0	unknown	NA
FXX162008001728	2008	M	42	██████████████████████████████	7777760760771	42	LAM9	-243--7-4-6	Orphan	243746223522225	333	0	unknown	NA
FXX162010002149	2010	F	56	██████████████████████████████	7777760760771	42	LAM9	-243--4-2-4	Orphan	243424243-24223	Orphan	0	unknown	NA
FXX162010002053	2010	M	26	██████████████████████████████	7777760760771	42	LAM9	-243--5-2-2	Orphan	243522242833312	Orphan	0	unknown	NA
FXX162009001847	2009	F	59	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-2	Orphan	243532242733312	338	0	unknown	NA
FXX162007001344	2007	F	24	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-3	Orphan	243533242733312	340	0	unknown	NA
FXX162008001405	2008	M	34	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-3	Orphan	243533242733312	340	0	unknown	NA
FXX162010002131	2010	F	48	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-3	Orphan	243533242733312	340	0	unknown	NA
FXX162009001777	2009	M	60	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-5	Orphan	243535242634312	Orphan	0	unknown	NA
FXX162008001535	2008	M	78	██████████████████████████████	7777760760771	42	LAM9	-243--5-3-6	Orphan	243536242634312	Orphan	0	unknown	NA
FXX162007001350	2007	M	55	██████████████████████████████	7777760760771	42	LAM9	-243--6-3-3	Orphan	243633243724222	342	0	unknown	NA
FXX162009001781	2009	F	24	██████████████████████████████	7777760760771	42	LAM9	-243--6-3-3	Orphan	243633243724222	342	0	unknown	NA

FXX162008101436	2008	F	25	██████████████████████████████	7777760760771	42	LAM9	-242--5-3-1	Orphan	242531244825312	Orphan	1	Mexico	P
FXX162007101317	2007	F	56	██████████████████████████████	7777760760771	42	LAM9	-243--8-4-4	Orphan	243844243524226	345	1	Maghreb	P
FXX162008101370	2008	M	80	██████████████████████████████	7777760760771	42	LAM9	-243--8-4-4	Orphan	243844243524225	Orphan	1	Tunisia	P
FXX162008101542	2008	M	45	██████████████████████████████	7777760760771	42	LAM9	-243--8-4-4	Orphan	243844243522226	346	1	unknown	P
FXX162008101595	2008	M	40	██████████████████████████████	7777760760771	42	LAM9	-243--A-4-2	Orphan	243A42243524226	Orphan	1	unknown	P
FXX162007101321	2007	F	46	██████████████████████████████	7777760760771	42	LAM9	-24-----4-4	Orphan	24--44243524226	Orphan	1	Algeria	P
FXX162010102180	2010	M	48	██████████████████████████████	7777760760771	42	LAM9	-243--5-2-6	Orphan	243526242722312	Orphan	1	unknown	EP and P
FXX162005100610	2005	M	66	██████████████████████████████	7777760760771	42	LAM9	225326152324	Orphan	253534-----	Orphan	1	unknown	EP and P
FXX162007001255	2007	M	80	██████████████████████████████	7777775760771	44	T5	223025133322	Orphan	230332-----	Orphan	0	unknown	NA
FXX162007001162	2007	M	61	██████████████████████████████	7777775760771	44	T5	223326153323	236	233533-----	Orphan	0	unknown	NA
FXX162010002091	2010	M	82	██████████████████████████████	7777775760771	44	T5	-233--4-2-4	Orphan	23342434-322000	Orphan	0	unknown	NA
FXX162009002065	2009	F	85	██████████████████████████████	7777775760771	44	T5	-233--5-3-3	Orphan	233533343422224	Orphan	0	unknown	NA
FXX162010002134	2010	M	75	██████████████████████████████	7777775760771	44	T5	-233--5-3-4	Orphan	233534342522223	Orphan	0	unknown	NA
FXX162010002136	2010	F	75	██████████████████████████████	7777775760771	44	T5	-233--5-3-4	Orphan	233534441812222	Orphan	0	unknown	NA
FXX162003100138	2003	M	62	██████████████████████████████	7777775760771	44	T5					1	Madagascar	P
FXX162004100452	2004	F	27	██████████████████████████████	7777775760771	44	T5					1	Armenia	P
FXX162006100786	2006	F	78	██████████████████████████████	7777775760771	44	T5					1	France	P
FXX162007101290	2007	F	77	██████████████████████████████	7777775760771	44	T5	223326153322	289	233532-----	Orphan	1	unknown	EP and P
FXX162005000542	2005	F	63	██████████████████████████████	77777764020771	45	H1	225313153325	860	253535-----	Orphan	0	France	P
FXX162001000005	2001	F	31	██████████████████████████████	77777770000000	46	Unknown					0	Guinea	EP
FXX162005000726	2005	F	84	██████████████████████████████	77777770000000	46	Unknown	224325143323	30	243433-----	Orphan	0	unknown	NA
FXX162005000699	2005	M	73	██████████████████████████████	77777770000000	46	Unknown	225313153324	1093	253534-----	Orphan	0	unknown	NA
FXX162008001733	2008	F	32	██████████████████████████████	77777770000000	46	Unknown	-234--5-3-2	Orphan	234532245522223	313	0	unknown	NA
FXX162008001712	2008	M	45	██████████████████████████████	77777770000000	46	Unknown	-253--5-3-2	Orphan	253532333532343	354	0	unknown	NA
FXX162010102057	2010	F	40	██████████████████████████████	77777770000000	46	Unknown	-223--5-3-3	Orphan	223533352422324	Orphan	1	Chad	P
FXX162010102259	2010	M	64	██████████████████████████████	77777770000000	46	Unknown	-233--5-3-2	Orphan	233532244522223	305	1	unknown	P
FXX162008101592	2008	F	15	██████████████████████████████	77777770000000	46	Unknown	-253--3-3-3	Orphan	253333333534343	Orphan	1	unknown	P
FXX162003100345	2003	F	45	██████████████████████████████	77777770000000	46	Unknown					1	Madagascar	P
FXX162004300438	2004	M	27	██████████████████████████████	77777770000000	46	Unknown					3	France	P
FXX162008101672	2008	F	34	██████████████████████████████	77777770000000	46	Unknown	-253--3-3-3	Orphan	253333332434243	Orphan	1	Cameroon	P
FXX162007101206	2007	F	58	██████████████████████████████	77777774020771	47	H1	225323153323	43	253533-----	Orphan	1	Tunisia	EP
FXX162008101555	2008	M	81	██████████████████████████████	77777774020771	47	H1	-243--5-3-3	Orphan	243533233732343	Orphan	1	unknown	EP
FXX162009101742	2009	F	37	██████████████████████████████	77777774020771	47	H1	-253--5-3-2	Orphan	253532334622243	356	1	Maghreb	EP
FXX162010102000	2010	M	57	██████████████████████████████	77777774020771	47	H1	-253--5-3-3	Orphan	25353335732343	363	1	unknown	EP
FXX162010102196	2010	F	59	██████████████████████████████	77777774020771	47	H1	-253--5-3-3	Orphan	25353334232343	Orphan	1	unknown	EP
FXX162001300002	2001	M	22	██████████████████████████████	77777774020771	47	H1					3	SM	Dem Republic Congo
FXX162000100342	2000	F	17	██████████████████████████████	77777774020771	47	H1					1	Tunisia	EP
FXX162004300474	2004	M	27	██████████████████████████████	77777774020771	47	H1					3	SM, INH	Morocco
FXX162006000868	2006	M	77	██████████████████████████████	77777774020771	47	H1	215325153323	776	153533-----	Orphan	0	unknown	NA
FXX162005000666	2005	F	81	██████████████████████████████	77777774020771	47	H1	223225173324	Orphan	232734-----	Orphan	0	unknown	NA
FXX162007001143	2007	M	84	██████████████████████████████	77777774020771	47	H1	224315153323	27	243533-----	Orphan	0	unknown	NA
FXX162006000847	2006	M	66	██████████████████████████████	77777774020771	47	H1	224325153322	32	243532-----	Orphan	0	unknown	NA
FXX162007001193	2007	F	25	██████████████████████████████	77777774020771	47	H1	225323153323	43	253533334632343	199	0	unknown	NA
FXX162005000603	2005	F	81	██████████████████████████████	77777774020771	47	H1	225323153322	1582	253532-----	Orphan	0	unknown	NA
FXX162007001133	2007	F	28	██████████████████████████████	77777774020771	47	H1	225323153323	43	253533-----	Orphan	0	unknown	NA
FXX162007001233	2007	F	60	██████████████████████████████	77777774020771	47	H1	225323153323	43	253533-----	Orphan	0	unknown	NA
FXX162007001218	2007	M	81	██████████████████████████████	77777774020771	47	H1	225325151323	762	253533-----	Orphan	0	unknown	NA
FXX162007001240	2007	F	36	██████████████████████████████	77777774020771	47	H1	225325153322	152	253532-----	Orphan	0	unknown	NA
FXX162006000926	2006	M	56	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162006001000	2006	M	50	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162006001039	2006	M	80	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162007001094	2007	M	25	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162007001228	2007	F	81	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162007001232	2007	F	75	██████████████████████████████	77777774020771	47	H1	225325153323	45	253533-----	Orphan	0	unknown	NA
FXX162007001179	2007	F	22	██████████████████████████████	77777774020771	47	H1	225325154323	182	253533-----	Orphan	0	unknown	NA
FXX162007001142	2007	M	80	██████████████████████████████	77777774020771	47	H1	225326153323	247	253533-----	Orphan	0	unknown	NA
FXX162006001002	2006	M	32	██████████████████████████████	77777774020771	47	H1	226313153323	290	263533-----	Orphan	0	unknown	NA

FXX162007001305	2007	M	60	███████████	776177607760731	130	LAM3	-242--5-3-3	Orphan	242533223524321	Orphan	0			unknown	NA	
FXX162008101487	2008	M	50	███████████	777777777720631	134	H3	-253--5-3-4	Orphan	2535343333722243	Orphan	376	1		unknown	EP	
FXX162002100240	2002	F	56	███████████	777777777720631	134	H3						1		Algeria	EP	
FXX162007101114	2007	F	66	███████████	777777777720631	134	H3	224213152323	1571	242533-----	Orphan	1	1		Algeria	NA	
FXX162008001641	2008	M	56	███████████	777777777720631	134	H3	-253--5-3-3	Orphan	253533333722243	Orphan	357	0		unknown	NA	
FXX162010002126	2010	F	44	███████████	777777777720631	134	H3	-253--5-3-3	Orphan	253533333722243	Orphan	357	0		unknown	NA	
FXX162010002206	2010	F	94	███████████	777777777720631	134	H3	-253--5-3-3	Orphan	253533333722243	Orphan	359	0		unknown	NA	
FXX162009001980	2009	M	44	███████████	777777777720631	134	H3	-253--5-3-4	Orphan	253534333722243	Orphan	376	0		unknown	NA	
FXX162010002089	2010	F	38	███████████	777777777720631	134	H3	-253--5-3-4	Orphan	253534332722-43	Orphan	0	0		unknown	NA	
FXX162008001675	2008	M	77	███████████	777777777720631	134	H3						0		unknown	NA	
FXX162005300580	2005	M	61	███████████	777777777720631	134	H3	225213153323	350	252533-----	Orphan	3	SM		Algeria	P	
FXX162002100181	2002	M	45	███████████	777777777720631	134	H3	225313153323	42	253533-----	Orphan	1			France	P	
FXX162005100634	2005	F	71	███████████	777777777720631	134	H3	225313153323	42	253533-----	Orphan	1			France	P	
FXX162005100636	2005	F	93	███████████	777777777720631	134	H3	225313153323	42	253533-----	Orphan	1			France	P	
FXX162005100621	2005	M	42	███████████	777777777720631	134	H3	225313154324	Orphan	253534-----	Orphan	1			France	P	
FXX162008301425	2008	F	89	███████████	777777777720631	134	H3	-252--5-3-3	Orphan	25253334722243	Orphan	3	SM		unknown	P	
FXX162009101840	2009	F	42	███████████	777777777720631	134	H3	-253--5-3-3	Orphan	25353334733243	Orphan	1			unknown	P	
FXX162001000018	2001	F	57	███████████	777777777720631	134	H3						0		France	P	
FXX162000100333	2000	M	73	███████████	777777777720631	134	H3						1		France	P	
FXX162008101376	2008	M	25	███████████	777777777720631	134	H3	-253--5-3-4	Orphan	253534333722241	Orphan	1			France	P	
FXX162008101630	2008	F	73	███████████	777603405760471	136	LAM5	-243--4-3-1	Orphan	243431336832443	Orphan	1			unknown	EP	
FXX162002100224	2002	M	61	███████████	777603405760471	136	LAM5						1		Guinea	P	
FXX162009001852	2009	M	79	███████████	777776777760601	137	X2	-243--3-3-4	Orphan	243334343434343	Orphan	0			unknown	NA	
FXX162008001514	2008	M	42	███████████	777776777760601	137	X2	-243--5-3-4	Orphan	243534343931426	Orphan	0			unknown	NA	
FXX162010102120	2010	M	38	███████████	757400004020771	143	H1	-237--5-3-3	Orphan	237533333-32343	Orphan	1			Morocco	EP	
FXX162007001180	2007	F	39	███████████	757400004020771	143	H1	224315153323	27	243533-----	Orphan	0			unknown	NA	
FXX162007001241	2007	M	29	███████████	757400004020771	143	H1	224315153323	27	243533-----	Orphan	0			unknown	NA	
FXX162008101421	2008	M	78	███████████	757400004020771	143	H1	-243--3-3-3	Orphan	243333333732333	Orphan	1			unknown	P	
FXX162007001306	2007	M	25	███████████	770000003760771	144	Unknown	-233--5-3-5	Orphan	233535343522226	Orphan	325	0		unknown	NA	
FXX162006000968	2006	F	30	███████████	770000003760771	144	Unknown						0		unknown	NA	
FXX162002300247	2002	M	17	███████████	770000003760771	144	Unknown						3	SM		Senegal	P
FXX162002100294	2002	M	37	███████████	770000003760771	144	Unknown						1		Angola	P	
FXX162002300296	2002	F	25	███████████	77700037760771	149	T3-ETH						3	SM, INH		Ethiopia	EP
FXX162008001457	2008	F	85	███████████	77777776413771	152	EAI5	-642--2-5-3	Orphan	642253742612524	Orphan	392	0		unknown	NA	
FXX162006101016	2006	M	46	███████████	77777776413771	152	EAI5	273225221434	Orphan	732244-----	Orphan	1			Vietnam	P	
FXX162006301072	2006	M	49	███████████	77777776413771	152	EAI5	364226223431	Orphan	642241-----	Orphan	3	SM		unknown	P	
FXX162003100418	2003	M	76	███████████	77777776413771	152	EAI5						1		Vietnam	P	
FXX162007101120	2007	M	57	███████████	77777776413771	152	EAI5	224225223513	Orphan	242253-----	Orphan	1			China	P	
FXX162005000716	2005	F	30	███████████	75777777760731	153	T2	223325143324	112	233434-----	Orphan	0			unknown	NA	
FXX162006101045	2006	F	40	███████████	75777777760731	153	T2	223325153324	125	233534-----	Orphan	1			unknown	NA	
FXX162004100471	2004	M	33	███████████	75777777760731	153	T2	223325143324	112	233434-----	Orphan	1			France	P	
FXX162006000999	2006	M	49	███████████	75777777760771	154	T1	223326154323	1566	233533-----	Orphan	0			unknown	NA	
FXX162010102248	2010	M	58	███████████	75777777760771	154	T1	-334--4-2-5	Orphan	334425342522124	Orphan	1			France	P	
FXX162003100300	2003	M	32	███████████	75777777760771	154	T1						1		Albania	P	
FXX162004100442	2004	M	54	███████████	75777777760771	154	T1						1		Poland	P	
FXX162006300772	2006	M	24	███████████	75777777760771	154	T1						3	INH		Romania	P
FXX162006100817	2006	M	31	███████████	75777777760771	154	T1						1		Algeria	P	
FXX162010002133	2010	F	60	███████████	77617777760771	156	S	-243--5-3-3	Orphan	243533333733443	Orphan	349	0		unknown	NA	
FXX162010002161	2010	F	72	███████████	77617777760771	156	S	-243--5-3-3	Orphan	243533333733443	Orphan	349	0		unknown	NA	
FXX162010202124	2010	M	50	███████████	77617777760771	156	S	-231--4-3-4	Orphan	231434343522227	Orphan	2	RIF, INH, SM		Georgia	P	
FXX162003100308	2003	M	29	███████████	77777607760671	162	LAM9						1		Algeria	P	
FXX162006000858	2006	F	80	███████████	77777607760700	163	LAM4						0		unknown	NA	
FXX162008001704	2008	M	81	███████████	77777606060771	164	T1	-233--5-3-0	Orphan	233530233622223	Orphan	0			unknown	NA	
FXX162010002215	2010	F	92	███████████	77777606060771	164	T1	-233--6-3-4	Orphan	23363444621223	Orphan	326	0		unknown	NA	
FXX162007101067	2007	F	67	███████████	77777606060771	167	T1	223425163322	455	234632-----	Orphan	1			unknown	EP	
FXX162006001047	2006	M	85	███████████	77777606060771	167	T1	223325153323	116	233533-----	Orphan	0			unknown	NA	
FXX162006000892	2006	F	56	███████████	77777606060771	167	T1	223325153324	Orphan	233534-----	Orphan	0			unknown	NA	

FXX162008001707	2008	M	29	█	73777777760771	205	T1	-243--5-3-4	Orphan	243534338834446	Orphan	0		unknown	NA
FXX162001100072	2001	F	32	█	76777777720771	207	H3					1		Argentina	P
FXX162008001576	2008	F	64	█	776017607760771	209	LAM12-Madrid1	-242--4-3-2	Orphan	242433244422321	Orphan	0		unknown	NA
FXX162009001837	2009	M	48	█	776037777760771	210	T1	-223--5-3-2	Orphan	223532243623223	300	0		unknown	NA
FXX162009001992	2009	M	53	█	776037777760771	210	T1	-223--5-3-2	Orphan	223532243623223	300	0		unknown	NA
FXX162010002144	2010	M	41	█	776037777760771	210	T1	-223--5-3-2	Orphan	223532243623223	300	0		unknown	NA
FXX162006000877	2006	M	44	█	776137607760771	211	LAM3	224226152323	1574	242533-----	Orphan	0		unknown	NA
FXX162006000972	2006	M	30	█	776137607760771	211	LAM3	224226152323	1574	242533-----	Orphan	0		unknown	NA
FXX162006000800	2006	M	53	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	0		unknown	NA
FXX162006000880	2006	M	64	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	0		unknown	NA
FXX162006000952	2006	F	43	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	0		unknown	NA
FXX162007001287	2007	M	37	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	0		unknown	NA
FXX162008001506	2008	F	29	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243624321	339	0		unknown	NA
FXX162008001643	2008	F	41	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243-24321	Orphan	0		unknown	NA
FXX162009001856	2009	M	16	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243624321	339	0		unknown	NA
FXX162006100714	2006	F	27	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	1		France	P
FXX162006100738	2006	F	48	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	1		Morocco	P
FXX162006100740	2006	F	29	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	1		France	P
FXX162006000951	2006	M	28	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	0		France	P
FXX162007101129	2007	M	34	█	776137607760771	211	LAM3	224326152323	226	243533-----	Orphan	1		Algeria	P
FXX162006100917	2006	M	29	█	776137607760771	211	LAM3	224326153313	Orphan	243533-----	Orphan	1		Portugal	P
FXX162008101590	2008	M	34	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243624321	339	1		Morocco	P
FXX162008001314	2008	M	71	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243624321	339	0		unknown	P
FXX162008101393	2008	M	51	█	776137607760771	211	LAM3	-243--5-3-3	Orphan	243533243624321	339	1		unknown	P
FXX162010002092	2010	M	78	█	777737774020771	218	H1	-243--5-3-3	Orphan	243533338832110	Orphan	0		unknown	NA
FXX162008001404	2008	M	71	█	777737774020771	218	H1	-253--5-3-4	Orphan	25353434732343	375	0		unknown	NA
FXX162008101373	2008	F	33	█	777737774020771	218	H1	-253--5-3-3	Orphan	25353333632343	358	1		France	P
FXX162007001187	2007	F	75	█	77777777413371	234	EAI5	254225223533	269	542253-----	Orphan	0		unknown	NA
FXX162004100525	2004	M	73	█	77777777413771	236	EAI5	264225223632	Orphan	642262-----	Orphan	1		Cambodia	EP
FXX162009101822	2009	M	50	█	77777777413771	236	EAI5	-742--1-5-3	Orphan	742153741612523	Orphan	1		unknown	EP
FXX162008001715	2008	F	49	█	77777777413771	236	EAI5	-542--2-5-1	Orphan	542251642611624	Orphan	0		unknown	NA
FXX162006000910	2006	F	46	█	77777777413771	236	EAI5					0		unknown	NA
FXX162007101341	2007	M	63	█	77777777413771	236	EAI5	-A42--2-5-2	Orphan	A42252742612524	Orphan	1		Cambodia	P
FXX162007001155	2007	M	82	█	77777777700000	237	Unknown	225325153323	45	253533-----	Orphan	0		unknown	NA
FXX162008001583	2008	M	75	█	77777777700000	237	Unknown	-253--5-3-4	Orphan	253534332532343	Orphan	0		unknown	NA
FXX162004000512	2004	F	86	█	77777777700000	237	Unknown					0		France	P
FXX162005100571	2005	M	74	█	77777777700171	238	Unknown	224225153323	22	242533-----	Orphan	1		France	EP
FXX162009002035	2009	M	65	█	77777777700171	238	Unknown	-233--5-3-1	Orphan	233531242422228	Orphan	0		unknown	NA
FXX162010002145	2010	F	77	█	77777777700171	238	Unknown	-235--5-3-2	Orphan	235532243322223	Orphan	0		unknown	NA
FXX162007301342	2007	F	30	█	77777777760411	241	T1	-233--4-2-4	Orphan	233424323722221	Orphan	3	SM	Angola	EP
FXX162004100522	2004	F	24	█	77777777760411	241	T1					1		Dem Republic Congo	EP
FXX162007101105	2007	F	21	█	77777777760411	241	T1	223323143324	689	233434-----	Orphan	1		Congo	P
FXX162009101746	2009	M	64	█	77777777760600	243	T1	-234--5-3-2	Orphan	234532221522223	Orphan	1		unknown	P
FXX162005100564	2005	F	53	█	77777777760601	244	T1	224325153323	33	243533-----	Orphan	1		unknown	EP
FXX162007001145	2007	F	81	█	77777777760601	244	T1	224325153324	34	243534-----	Orphan	0		unknown	NA
FXX162007001225	2007	M	88	█	77777777760601	244	T1	224326153323	213	243533-----	Orphan	0		unknown	NA
FXX162010002139	2010	M	45	█	77777777760601	244	T1	-233--5-3-3	Orphan	233533342824443	Orphan	0		unknown	NA
FXX162010002146	2010	M	54	█	77777777760601	244	T1	-243--5-3-3	Orphan	243533343631446	Orphan	0		unknown	NA
FXX162006000893	2006	M	44	█	77777777760601	244	T1					0		unknown	NA
FXX162000100139	2000	M	78	█	77777777760601	244	T1					1		Italy	P
FXX162003100431	2003	M	22	█	77777777760601	244	T1					1		France	P
FXX162008301375	2008	F	27	█	77777777760601	244	T1	-243--5-3-3	Orphan	243533343832445	135	3	SM	unknown	P
FXX162009001891	2009	F	63	█	77777777760671	245	T1	-232--5-3-4	Orphan	232534345522224	318	0		unknown	NA
FXX162009001913	2009	M	14	█	77777777760671	245	T1	-232--5-3-4	Orphan	232534345522224	318	0		unknown	NA
FXX162001200030	2001	M	29	█	77777663760771	253	T1	125326153226	1548	253526-----	Orphan	2	SM, RIF, INH, ETH	France	P
FXX162004100446	2004	M	34	█	77477777420771	262	Ural-1	216225113223	Orphan	162123-----	Orphan	1		Armenia	P
FXX162004100519	2004	M	34	█	77477777420771	262	Ural-1	226125113223	749	261123-----	Orphan	1		Romania	P

FXX162010102012	2010	M	76	██████████□██████████	77477777420771	262	Ural-1	-271---1-2-3	Orphan	271123452633423	Orphan	1	unknown	P	
FXX162008001515	2008	M	32	□□□□□□□□□□□□□□□□	000000000003371	265	Beijing	-233---5-5-3	Orphan	23353446524543	Orphan	0	unknown	NA	
FXX162010002016	2010	nsp		□□□□□□□□□□□□□□□□	000000000003371	265	Beijing	-233---5-5-3	Orphan	23353446824543	142	0	unknown	P	
FXX162010002017	2010	F		□□□□□□□□□□□□□□□□	000000000003371	265	Beijing	-233---5-5-3	Orphan	23353446824543	142	0	unknown	P	
FXX162007201336	2007	M	70	□□□□□□□□□□□□□□□□	000000000003371	265	Beijing	-233---5-5-3	Orphan	23353446824543	142	2	SM, INH, RIF, ETH, PZA	unknown	P
FXX162008001418	2008	F	88	□□□□□□□□□□□□□□□□	00000000000771	269	Beijing	-232---6-5-3	Orphan	23265344A-44443	Orphan	0	unknown	NA	
FXX162010302257	2010	M	30	████████████████████	777617607760771	273	LAM5	-243---5-3-6	Orphan	24353624273-312	Orphan	3	SM	unknown	P
FXX162010002301	2010	M	77	████████████████████	77777770060771	276	T1	-234---5-3-2	Orphan	234532324422221	Orphan	0	unknown	NA	
FXX162006000845	2006	M	91	████████████████████	7777777560700	277	T1					0	unknown	NA	
FXX162006000862	2006	M	54	████████████████████	7777777560700	277	T1					0	unknown	NA	
FXX162010002218	2010	M	63	████████████████████	7777577760771	281	T1	-233---4-3-5	Orphan	233435246522223	Orphan	0	unknown	NA	
FXX162004100437	2004	F	24	████████████████████	77777577760771	281	T1					1	Tunisia	P	
FXX162006300814	2006	M	32	████████████████████	77777704020771	283	H1					3	SM, INH	Senegal	EP
FXX162006000878	2006	F	25	████████████████████	77777704020771	283	H1	225325153323	45	253533-----	Orphan	0	unknown	NA	
FXX162009102003	2009	M	89	████████████████████	77777704020771	283	H1	-243---5-3-3	Orphan	243533335732243	Orphan	1	France	NA	
FXX162006301010	2006	M	47	████████████████████	77777704020771	283	H1	225325153323	45	253533-----	Orphan	3	SM, INH	unknown	P
FXX162005100637	2005	M	37	□□□□██████████████	03763777760771	284	T1	123323153322	Orphan	233532-----	Orphan	1	Gabon	EP	
FXX162006100835	2006	M	22	□□□□██████████████	03763777760771	284	T1	223313133423	Orphan	233343-----	Orphan	1	Yugoslavia	EP	
FXX162007001130	2007	M	80	□□□□██████████████	03763777760771	284	T1	323--3153332	Orphan	23--532-----	Orphan	0	unknown	NA	
FXX162009002076	2009	M	67	□□□□██████████████	03763777760771	284	T1	-232---5-3-2	Orphan	232532442321324	Orphan	0	unknown	NA	
FXX162009002064	2009	F	64	□□□□██████████████	03763777760771	284	T1	-233---5-3-2	Orphan	233532442321324	Orphan	0	unknown	NA	
FXX162009001770	2009	M	48	□□□□██████████████	03763777760771	284	T1	-233---5-3-2	Orphan	233532453721324	Orphan	0	unknown	NA	
FXX162007001349	2007	M	57	████████████████████	7777767760771	291	T1	-271---1-3-2	Orphan	271132322931343	Orphan	0	unknown	NA	
FXX162006100945	2006	M	26	████████████████████	7777777720751	293	H3					1	unknown	P	
FXX162010102115	2010	F	34	██□██████████████	5777777720771	294	H3	-253---5-3-3	Orphan	253533335732343	363	1	Djibouti	EP	
FXX162007101307	2007	F	20	████████████████████	77777601560771	306	T1	-243---4-2-4	Orphan	243424262723312	Orphan	1	Congo	P	
FXX162010302107	2010	F	37	██□██████████████	6740017767600	308	BOV	-323---5-3-2	Orphan	323532353412342	382	3	PZA (bovis)	Congo	P
FXX162010102113	2010	M	44	████████████████████	77777570020731	314	H3	-243---5-3-3	Orphan	24353352422324	350	1	unknown	NA	
FXX162010102258	2010	F	40	████████████████████	77777570020731	314	H3	-243---5-3-3	Orphan	24353352422324	350	1	unknown	P	
FXX162008101372	2008	F	64	████████████████████	77777764020731	315	H1	-254---5-4-3	Orphan	254543335732333	Orphan	1	unknown	EP	
FXX162010002270	2010	M	55	████████████████████	77777764020731	315	H1	-243---5-4-3	Orphan	243543335752333	Orphan	0	unknown	NA	
FXX162009101797	2009	M	37	████████████████████	77777770020731	316	H3	-243---4-3-4	Orphan	243434351421324	Orphan	1	Central African Republic	EP	
FXX162001100091	2001	F	23	████████████████████	77777770020731	316	H3					1	France	EP	
FXX162007001250	2007	M	40	████████████████████	77777770020731	316	H3	223325143323	121	233433-----	Orphan	0	unknown	NA	
FXX162010101957	2010	F	20	████████████████████	7777777360731	317	T2	-24---5---3	Orphan	24-5-3322421323	Orphan	1	unknown	EP	
FXX162001100060	2001	F	33	████████████████████	7777777360731	317	T2					1	Dem Republic Congo	P	
FXX162003000350	2003	M	25	████████████████████	7777777360731	317	T2					0	Congo	P	
FXX162004100515	2004	F	35	██□██████████████	57407760777071	319	AFRI_2					1	unknown	P	
FXX162007301268	2007	F	25	████████████████████	770003606377071	320	AFRI_2	224424243221	348	244421-----	Orphan	3	SM	unknown	EP
FXX162003300302	2003	F	21	████████████████████	770003606377071	320	AFRI_2					3	SM	Nigeria	P
FXX162009301752	2009	M	33	████████████████████	77077770777671	326	AFRI_1	-254---4-5-2	Orphan	254452655631643	Orphan	3	SM	Senegal	P
FXX162010102099	2010	M	36	████████████████████	77077770777671	326	AFRI_1	-254---4-5-2	Orphan	254452655631643	Orphan	1	Senegal	P	
FXX162004100465	2004	M	26	████████████████████	77077770777671	326	AFRI_1					1	Ghana	P	
FXX162006100773	2006	M	77	██□██████████████	57777777760771	334	T1					1	France	EP	
FXX162009001846	2009	F	53	██□██████████████	57777777760771	334	T1	-223---4-2-4	Orphan	223424434623223	Orphan	0	unknown	NA	
FXX162010102201	2010	M	72	██□██████████████	57777777760771	334	T1	-234---4-3-2	Orphan	234432245522223	310	1	unknown	EP and P	
FXX162002100227	2002	M	78	████████████████████	77777607720771	335	LAM9					1	France	EP	
FXX162007001184	2007	F	91	████████████████████	77777607720771	335	LAM9	225314153323	1406	253533-----	Orphan	0	unknown	NA	
FXX162006000844	2006	M	93	████████████████████	77777607720771	335	LAM9	225315163323	Orphan	253633-----	Orphan	0	unknown	NA	
FXX162003300317	2003	M	77	████████████████████	77777607720771	335	LAM9					3	SM, INH	France	P
FXX162006100763	2006	M	82	████████████████████	77777607720771	335	LAM9					1	France	P	
FXX162007001248	2007	M	55	██□██████████████	47437777413771	340	EAI5	2-432A223533	Orphan	-43253633512714	Orphan	0	unknown	NA	
FXX162006100812	2006	F	38	██□██████████████	47437777413771	340	EAI5	22432A223533	Orphan	243253-----	Orphan	1	Côte d'Ivoire	P	
FXX162008001502	2008	M	66	████████████████████	777737404760771	367	LAM7-TUR	-151---1-3-2	Orphan	151132324734343	298	0	unknown	P	
FXX162005000725	2005	M	30	████████████████████	77777747760471	370	T1					0	unknown	NA	
FXX162005100586	2005	M	25	████████████████████	7777767760771	373	T1	223325153323	116	233533-----	Orphan	1	Congo	EP	
FXX162007001137	2007	F	63	████████████████████	7777767760771	373	T1	223325143324	112	233434-----	Orphan	0	unknown	NA	

FXX162010102256	2010	M	22	██████████□□□□□□██□□██□□□□□□□□□□□□□□□□██	77616100000071	589	Unknown	-243--3-3-4	Orphan	24333424352221	Orphan	1		Cameroon	EP
FXX162010002339	2010	M	30	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-3	Orphan	24333324472221	Orphan	0		unknown	NA
FXX162006000960	2006	M	85	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243524221	336	0		unknown	NA
FXX162008001413	2008	M	78	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243624221	335	0		unknown	NA
FXX162008001570	2008	M	76	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243624221	335	0		unknown	NA
FXX162009001788	2009	M	47	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243524221	336	0		unknown	NA
FXX162008101461	2008	F	15	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243624221	335	1		unknown	P
FXX162008101390	2008	M	17	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776161000000071	589	Unknown	-243--3-3-4	Orphan	243334243624221	335	1		unknown	P
FXX162004100472	2004	M	50	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777777757413771	591	EAI6-BGD1					1		India	EP
FXX162001100051	2001	M	23	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	56777777420771	597	Ural-2					1		Nepal	P
FXX162008001710	2008	F	63	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777770000771	602	Unknown	-233--5-3-2	Orphan	23353234552223	321	0		unknown	NA
FXX162006000806	2006	F	48	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777770000771	602	Unknown					0		unknown	NA
FXX162009101795	2009	M	84	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777770000771	602	Unknown	-232--5-3-2	Orphan	2325232542223	Orphan	1		unknown	P
FXX162006000909	2006	M	26	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776177700000000	608	Unknown					0		unknown	NA
FXX162006100922	2006	M	1	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776177700000000	608	Unknown					1		France	P
FXX162007001265	2007	M	83	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777777760751	612	T1	223225153324	169	232534-----	Orphan	0		unknown	NA
FXX162005100551	2005	F	75	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77773776413771	617	EAI5	265225223433	Orphan	652243-----	Orphan	1		Vietnam	EP
FXX162010002055	2010	M	83	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77773776413771	617	EAI5	-642--2-5-3	Orphan	642253742612524	392	0		unknown	NA
FXX162006000807	2006	F	35	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77773777413771	618	EAI5	224225223434	Orphan	242244-----	Orphan	0		unknown	NA
FXX162006000803	2006	M	24	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77773777413771	618	EAI5	264225223433	Orphan	642243-----	Orphan	0		unknown	NA
FXX162009002031	2009	M	56	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777777002000011	619	Unknown	-642--2-6-3	Orphan	64226364212524	Orphan	0		unknown	NA
FXX162009001833	2009	F	26	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	00000000002771	621	Beijing	-233--7-4-2	Orphan	233742441824643	Orphan	0		unknown	NA
FXX162001100287	2001	M	63	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	7777777760760	628	T1					1		France	P
FXX162006100918	2006	M	73	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	00000000003571	632	Beijing					1		Cambodia	P
FXX162000300279	2000	F	26	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	200003777207600	646	BOV_4-CAPRAE					3	PZA (caprae)	France	P
FXX162010002147	2010	F	66	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	60277377777600	661	BOV_1	-323--5-3-2	Orphan	323532545510142	Orphan	0		unknown	NA
FXX162004300521	2004	M	85	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	232324234322	Orphan	323332-----	Orphan	3	PZA (bovis)	France	EP
FXX162008301424	2008	M	53	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	-323--5-3-2	Orphan	323532353412342	382	3	PZA (bovis)	unknown	EP
FXX162009301760	2009	F	23	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	-323--5-4-2	Orphan	323542535510142	Orphan	3	PZA (bovis)	unknown	EP
FXX162007001249	2007	F	61	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	232324252422	1585	323542453510142	Orphan	0		unknown	NA
FXX162010002213	2010	F	71	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	-323--5-4-2	Orphan	323542535500142	Orphan	0		unknown	NA
FXX162008001466	2008	F	29	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	-323--5-3-2	Orphan	323532753512342	Orphan	0		unknown	NA
FXX162006000715	2006	F	15	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	61677377777600	665	BOV_1	232324252422	1585	323542554510141	Orphan	0		Tunisia	P
FXX162009301887	2009	M	35	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	66407377777600	683	BOV_2	-322--5-3-2	Orphan	322532354412342	Orphan	3	PZA (bovis)	unknown	EP
FXX162007301126	2007	F	28	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	66677367777600	684	BOV_1	232324253322	49	323532532412342	287	3	PZA (bovis)	Morocco	EP
FXX162008001666	2008	F	56	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	66677367777600	684	BOV_1	-323--5-3-2	Orphan	323532532412342	287	0		unknown	P
FXX162010102015	2010	M	31	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	67407377777600	685	BOV	-322--6-2-2	Orphan	322622632512342	Orphan	1		Turkey	EP
FXX162005000664	2005	F	84	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	676773676177600	697	BOV_1	232223253322	Orphan	322532-----	Orphan	0		unknown	NA
FXX162009101755	2009	M	34	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	700775747413771	702	EAI6-BGD1	-143--2-5-3	Orphan	14325384-712626	Orphan	1		Togo	P
FXX162009001825	2009	M	71	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	737776777760771	708	X1	-353--5-4-3	Orphan	35354332864445	Orphan	0		unknown	NA
FXX162007001080	2007	F	79	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	223325153322	15	233532-----	Orphan	0		unknown	NA
FXX162009001917	2009	M	28	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	-234--2-3-2	Orphan	234232245522223	307	0		unknown	NA
FXX162005100561	2005	M	24	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	223325123322	1054	233232-----	Orphan	1		France	P
FXX162006100713	2006	M	21	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	223325123322	1054	233232-----	Orphan	1		France	P
FXX162006100691	2006	M	50	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	223425123322	1568	234232-----	Orphan	1		France	P
FXX162008101591	2008	M	33	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	763777777760771	713	T1	-234--2-3-2	Orphan	234232245522223	307	1		unknown	P
FXX162009101804	2009	F	41	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	776177407760771	719	LAM3	-243--5-3-3	Orphan	243533244724421	127	1		France	P
FXX162005000642	2005	F	82	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777761607760771	731	LAM9	124326153225	427	243525-----	Orphan	0		unknown	NA
FXX162007001279	2007	F	55	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777761607760771	731	LAM9	224326163321	375	243631-----	Orphan	0		unknown	NA
FXX162005100624	2005	M	80	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777761607760771	731	LAM9	223226153221	492	232521-----	Orphan	1		Algeria	EP and P
FXX162009001832	2009	M	48	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777763777760771	732	T1	-234--6-3-2	Orphan	234632243522223	Orphan	0		unknown	NA
FXX162002100207	2002	F	33	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	777763777760771	732	T1					1		France	P
FXX162005000574	2005	M	58	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777607760571	737	LAM9	224226143321	738	242431-----	Orphan	0		Morocco	EP
FXX162009001894	2009	M	79	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777607760571	737	LAM9	-232--4-3-1	Orphan	232431244823312	Orphan	0		unknown	NA
FXX162009001879	2009	F	36	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777607760571	737	LAM9	-233--5-3-1	Orphan	233531242733313	Orphan	0		unknown	NA
FXX162007001328	2007	F	88	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777607760571	737	LAM9	-242--4-3-1	Orphan	242431244822312	Orphan	0		unknown	NA
FXX162010002337	2010	F	34	██████████□□□□□□██□□██□□□□□□□□□□□□□□████	77777607760571	737	LAM9	-323--5-3-2	Orphan	323532632512342	387	0		unknown	NA

FXX162000300166	2000	M	72	██████████████████	77770177760771	1916	T1				3	INH	France	EP
FXX162003100417	2003	F	89	██████████████████	77777777760701	1926	T1				1		France	P
FXX162008101651	2008	M	40	██████████████████	77777607760770	1933	LAM9	-243---7-4-2	Orphan	243742243524226	1		Morocco	P
FXX162005000648	2005	M	26	██████████	703777000003771	1951	CAS1-Delhi				0		unknown	NA
FXX162000100344	2000	M	37	██████████	477777777413011	1966	EAI5				1		Sri lanka	EP
FXX162001200004	2001	M	50	██████████	103777740003171	1981	CAS1-Delhi				2	INH, RIF, SM	Sudan	P
FXX162002100234	2002	M	31	██████████	77773767760771	2007	T3				1		France	P
FXX162007101205	2007	M	32	██████████	77777774360771	2037	T1	223425123322	1568	234232-----	1		Tunisia	P
FXX162006101024	2006	M	88	██████████	776037607760771	2045	LAM3	234316143324	Orphan	343434-----	1		Algeria	EP
FXX162007001082	2007	M	23	██████████	776037607760771	2045	LAM3	225325153323	45	253533-----	0		unknown	NA
FXX162010002046	2010	M	43	██████████	776037607760771	2045	LAM3	-243---5-3-3	Orphan	243533143724321	0		unknown	NA
FXX162005300745	2005	M	79	██████████	776037607760771	2045	LAM3	224326142223	Orphan	243423-----	1		Spain	P
FXX162005100573	2005	M	28	██████████	776037607760771	2045	LAM3	224326143323	38	243433-----	1		France	P
FXX162003100102	2003	M	78	██████████	776163000000071	2047	Unknown				1		France	P
FXX162007001367	2007	F	14	██████████	73773777760771	2052	T3	-423---5-3-4	Orphan	4235342334522223	0		unknown	NA
FXX162001100006	2001	F	24	██████████	77063777767671	2056	AFRI_1				1		Guinea	EP
FXX162006100733	2006	F	24	██████████	777777400060771	2066	Unknown				1		Senegal	P
FXX16200000358	2000	M	68	██████████	77777737760731	2088	T2				0		France	P
FXX162005300745	2005	M	78	██████████	77777737760731	2088	T2				3	SM	France	EP and P
FXX162007001345	2007	F	87	██████████	77777377720771	2089	H3	-253---5-3-3	Orphan	253533234532343	0		unknown	NA
FXX162006000924	2006	M	84	██████████	77777377720771	2089	H3				0		unknown	NA
FXX162010102280	2010	M	41	██████████	776177400000131	2107	Unknown	-243---3-3-5	Orphan	243335253724221	1		unknown	EP
FXX162004100488	2004	M	75	██████████	77774100760771	2191	LAM9				1		France	P
FXX162009002078	2009	M	29	██████████	777737600000151	2234	Unknown	-282---1-4-2	Orphan	282142445624325	1		unknown	NA
FXX162002100290	2002	M	30	██████████	77777743440771	2242	LAM10-CAM				1		Niger	P
FXX162008001505	2008	M	66	██████████	77777777700011	2258	Unknown	-253---5-3-2	Orphan	253532335622243	0	355	unknown	EP
FXX162010002182	2010	M	62	██████████	74077777760771	2272	T1	-233---6-3-4	Orphan	23634343723223	0		unknown	NA
FXX162007101110	2007	F	74	██████████	740000007760771	2275	LAM3	224326153323	213	243533-----	1		unknown	P
FXX162004100490	2004	M	84	██████████	77777774020711	2333	H1				1		France	P
FXX162009101691	2009	M	40	██████████	77737774020711	2337	H1	-253---5-3-3	Orphan	253533335632343	0	358	unknown	P
FXX162005300600	2005	F	63	██████████	77760077720771	2338	H3	224326153323	213	243533-----	3	SM	Algeria	EP
FXX162004100504	2004	M	55	██████████	77760077720771	2338	H3	225326153323	247	253533-----	1		Algeria	P
FXX162010102357	2010	F	23	██████████	77760077720771	2338	H3	-253---5-3-3	Orphan	253533335532343	1		Morocco	P
FXX162006000856	2006	F	88	██████████	76637777760771	2367	S				0		unknown	NA
FXX162003100336	2003	M	37	██████████	777723400000360	2382	Unknown	223-26113321	Orphan	23-131-----	1		Angola	EP
FXX162004100513	2004	F	54	██████████	777723400000360	2382	Unknown	223326113322	Orphan	233132-----	1		Congo	P
FXX162004100447	2004	M	30	██████████	77777606060471	2385	LAM11-ZWE	223126152321	237	231531-----	1		France	EP
FXX162003100320	2003	F	24	██████████	77777606060471	2385	LAM11-ZWE	223126152321	237	231531-----	1		Congo	P
FXX162006100921	2006	M	63	██████████	77777774000331	2387	Unknown	225323153322	1582	253532-----	1		France	EP
FXX162004100456	2004	M	73	██████████	77777774000331	2387	Unknown				1		Algeria	EP
FXX162006001053	2006	M	44	██████████	77777774000331	2387	Unknown	225323153323	43	253533-----	0		unknown	NA
FXX162008001731	2008	F	71	██████████	77777774000331	2387	Unknown	-253---5-3-3	Orphan	253533334732334	0		unknown	NA
FXX162009101791	2009	M	38	██████████	77777607600371	2401	Unknown	-213---6-2-6	Orphan	213626242733312	1		unknown	P
FXX162003100425	2003	M	36	██████████	77777743760731	2423	T2	223325153322	15	233532-----	1		Brazil	P
FXX162005100540	2005	F	68	██████████	77775777760700	2424	T1	223325143324	112	233434-----	1		France	EP
FXX162000000377	2000	M	25	██████████	477777700000000	2445	Unknown				0		France	P
FXX162005000667	2005	F	55	██████████	77777607760701	2551	LAM4				0		unknown	NA
FXX162007001242	2007	M	28	██████████	66777607760771	2572	LAM1	223226153321	128	232531242321312	0		unknown	NA
FXX162009101800	2009	F	68	██████████	77747777760771	2577	T1	-234---3-2-2	Orphan	234322244522223	1		unknown	P
FXX162009001861	2009	F	83	██████████	77777607420771	2632	Ural-1	-243---5-3-6	Orphan	243536242733312	0	341	unknown	NA
FXX162009001871	2009	F	38	██████████	77777607420771	2632	Ural-1	-243---5-3-6	Orphan	243536242733312	0	341	unknown	NA
FXX162005100534	2005	M	86	██████████	17777777720771	2644	H3	225325153323	45	253533-----	1		Spain	EP
FXX162007101174	2007	F	71	██████████	17777777720771	2644	H3	225325153323	45	253533-----	1		Algeria	P
FXX162008101378	2008	M	65	██████████	17777777720771	2644	H3	-253---5-3-3	Orphan	253533343632343	1	199	unknown	P
FXX162007001164	2007	F	29	██████████	77777777600131	2660	Unknown	223325162323	1563	233633-----	0		unknown	NA
FXX162007001254	2007	M	32	██████████	77777777600131	2660	Unknown	223325162323	1563	233633-----	0		unknown	NA
FXX162005100609	2005	M	40	██████████	77777777600131	2660	Unknown	223325162323	1563	233633-----	1		Chad	EP and P

FXX162006100883	2006	M	78	■■■■■	437777677760771	or032
FXX162006100919	2006	M	58	■■■■■	77773777060771	or033
FXX162006100992	2006	F	82	■■■■■	637677607760771	or034
FXX162006101014	2006	M	66	■■■■■	777003704020771	or035
FXX162006101030	2006	M	86	■■■■■	67773777420771	or036
FXX162007001079	2007	M	68	■■■■■	77777300000071	or037
FXX162007001098	2007	M	22	■■■■■	43773777760771	or038
FXX162007001151	2007	F	83	■■■■■	357777777760771	or039
FXX162005000669	2005	M	83	■■■■■	77760077760771	or040
FXX162007001138	2007	M	67	■■■■■	05777607760771	or041
FXX162007001178	2007	M	60	■■■■■	67577607760731	or042
FXX162007001258	2007	M	82	■■■■■	600000004360611	or043
FXX162007001146	2007	M	58	■■■■■	77037774020771	or044
FXX162007001132	2007	F	74	■■■■■	777777702010331	or045
FXX162007001139	2007	F	28	■■■■■	77577767777771	or046
FXX162005000723	2005	M	76	■■■■■	676773757767600	or047
FXX162007001353	2007	F	82	■■■■■	700007777770371	or048
FXX162008001442	2008	F	39	■■■■■	76173777760731	or049
FXX162007001364	2007	F	81	■■■■■	747777737760731	or050
FXX162007001309	2007	M	41	■■■■■	777737700000171	or051
FXX162008001587	2008	F	84	■■■■■	77037777760711	or052
FXX162008001741	2008	M	61	■■■■■	377777737560771	or053
FXX162007001303	2007	M	69	■■■■■	77577770000000	or054
FXX162009001780	2009	F	74	■■■■■	77777677660771	or055
FXX162010002203	2010	F	80	■■■■■	770377037760771	or056
FXX162010002054	2010	M	89	■■■■■	77757773760771	or057
FXX162009001991	2009	F	95	■■■■■	77757376707771	or058
FXX162008001512	2008	M	72	■■■■■	76777777760761	or059
FXX162009001918	2009	F	17	■■■■■	577400000000171	or060
FXX162010002269	2010	M	80	■■■■■	77757377000371	or061
FXX162010002154	2010	M	40	■■■■■	74007777760731	or062
FXX162010002151	2010	M	74	■■■■■	77777760160771	or063
FXX162009001929	2009	F	23	■■■■■	77771777760571	or064
FXX162009001931	2009	F	82	■■■■■	777775377660771	or065
FXX162008001384	2008	M	67	■■■■■	00777777760771	or066
FXX162008001479	2008	F	63	■■■■■	75760037760771	or067
FXX162009001994	2009	M	61	■■■■■	77777743760371	or068
FXX162008001468	2008	M	74	■■■■■	74003777760771	or069
FXX162008001481	2008	M	83	■■■■■	774037750000371	or070
FXX162008001521	2008	M	85	■■■■■	41777777660771	or071
FXX162010002265	2010	M	83	■■■■■	037676000000331	or072
FXX162009001786	2009	M	0	■■■■■	01767777760771	or073
FXX162010002214	2010	F	25	■■■■■	760003743760771	or074
FXX162010002272	2010	M	83	■■■■■	037675500020731	or075
FXX162010002333	2010	F	89	■■■■■	57777600000171	or076
FXX162008001453	2008	M	23	■■■■■	000377601560771	or077
FXX162008001575	2008	M	70	■■■■■	77777606000171	or078
FXX162010002329	2010	F	66	■■■■■	77777637400071	or079
FXX162008001477	2008	F	88	■■■■■	77777740000071	or080
FXX162009001905	2009	M	2	■■■■■	600000004360601	or081
FXX162010002229	2010	M	20	■■■■■	41717777760731	or082
FXX162010002120	2010	F	88	■■■■■	777777014020771	or083
FXX162008001739	2008	M	83	■■■■■	777777400000371	or084
FXX162008001524	2008	F	76	■■■■■	777777745720771	or085
FXX162008001634	2008	F	17	■■■■■	00007774020771	or086
FXX162009001776	2009	F	61	■■■■■	77763004020771	or087
FXX162010002266	2010	M	38	■■■■■	70017774020731	or088

T1											1		Algeria	EP
T3											1		France	EP
LAM1											1		France	EP
H1											1		France	EP
Ural-1											1		France	EP
Unknown	124326153326				816		243536-----		Orphan		0		unknown	NA
T3	213425143323				Orphan		134433-----		Orphan		0		unknown	NA
T1	223325143324				112		233434-----		Orphan		0		unknown	NA
T1	223425153322				157		234532-----		Orphan		0		unknown	NA
LAM1	224116152321				1275		241531-----		Orphan		0		unknown	NA
LAM	224226163221				1198		242621-----		Orphan		0		unknown	NA
LAM3	224325153323				33		243533-----		Orphan		0		unknown	NA
H1	225313153323				42		253533-----		Orphan		0		unknown	NA
EAI1-SOM	225323153323				43		253533-----		Orphan		0		unknown	NA
Unknown	226423163623				Orphan		264663-----		Orphan		0		unknown	NA
BOV_1	232224252322				Orphan		322532-----		Orphan		0		unknown	NA
Unknown	-223---3-3-2				Orphan		22332324522223		Orphan		0		unknown	NA
T	-231---6-3-4				Orphan		231634244542223		Orphan		0		unknown	NA
T2	-233---3-3-2				Orphan		23332232522224		Orphan		0		unknown	NA
Unknown	-233---4-3-4				Orphan		23434243122323		Orphan		0		unknown	NA
T1	-233---5-3-1				Orphan		23353124322225		Orphan		0		unknown	NA
T1	-234---5-1-3				Orphan		234513234522224		Orphan		0		unknown	NA
Unknown	-234---5-3-2				Orphan		234532244522227		Orphan		0		unknown	NA
T1	-234---5-3-2				Orphan		23453224522222		Orphan		0		unknown	NA
T1	-234---6-3-2				Orphan		234632244322223		315		0		unknown	NA
T1	-234---5-3-2				Orphan		234532254522223		Orphan		0		unknown	NA
Unknown	-234---5-3-2				Orphan		234532272522223		Orphan		0		unknown	NA
T1	-234---5-3-2				Orphan		234532235222223		Orphan		0		unknown	NA
Unknown	-235---4-3-1				Orphan		234532245222222		Orphan		0		unknown	NA
Unknown	-235---5-3-2				Orphan		235532242522223		Orphan		0		unknown	NA
T2	-231---4-3-2				Orphan		231432343422227		Orphan		0		unknown	NA
T1	-231---5-3-2				Orphan		231532342722228		Orphan		0		unknown	NA
T1	-231---5-3-4				Orphan		231534341221223		Orphan		0		unknown	NA
T4	-233---5-3-3				Orphan		23353333822224		Orphan		0		unknown	NA
T1	-233---5-3-1				Orphan		233531343422223		Orphan		0		unknown	NA
T1	-235---5-3-3				Orphan		23533344522223		323		0		unknown	NA
LAM10-CAM	-233---5-3-3				Orphan		23533345422324		Orphan		0		unknown	NA
T1	-233---5-3-4				Orphan		233534344523223		Orphan		0		unknown	NA
Unknown	-233---5-3-4				Orphan		23353434222223		Orphan		0		unknown	NA
T1	-233---5-3-4				Orphan		233534344532223		Orphan		0		unknown	NA
Unknown	-233---4-3-2				Orphan		23432353421324		Orphan		0		unknown	NA
T1	-232---5-3-2				Orphan		2323245342132-		Orphan		0		unknown	NA
LAM10-CAM	-233---5-3-1				Orphan		233531444523230		Orphan		0		unknown	NA
H3	-233---6-3-3				Orphan		233633453421322		Orphan		0		unknown	NA
Unknown	-243---4-3-5				Orphan		243435243922222		Orphan		0		unknown	NA
T1	-243---5-2-4				Orphan		243524242723312		Orphan		0		unknown	NA
Unknown	-243---5-3-5				Orphan		243535242233312		Orphan		0		unknown	NA
Unknown	-243---5-3-6				Orphan		243536253623329		Orphan		0		unknown	NA
Unknown	-243---3-3-4				Orphan		24333433022223		Orphan		0		unknown	NA
LAM3	-243---5-3-3				Orphan		24353333932442		Orphan		0		unknown	NA
T2	-252---4-3-3				Orphan		25243323212543		Orphan		0		unknown	NA
H1	-253---5-3-3				Orphan		25353233732343		Orphan		0		unknown	NA
Unknown	-253---5-3-2				Orphan		25353235353343		Orphan		0		unknown	NA
H3	-253---5-3-3				Orphan		25353334732345		Orphan		0		unknown	NA
H1	-253---5-3-3				Orphan		25353334832343		Orphan		0		unknown	NA
H1	-253---5-3-3				Orphan		25353334633343		Orphan		0		unknown	NA
H1	-253---5-3-3				Orphan		25353336732335		Orphan		0		unknown	NA

