

THE LANCET Microbe

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Thilliez G, Mashe T, Chaibva BV, et al. Population structure of *Salmonella enterica* Typhi in Harare, Zimbabwe (2012–19) before typhoid conjugate vaccine roll-out: a genomic epidemiology study. *Lancet Microbe* 2023; published online Nov 9. [https://doi.org/10.1016/S2666-5247\(23\)00214-8](https://doi.org/10.1016/S2666-5247(23)00214-8).

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Supplementary Methods

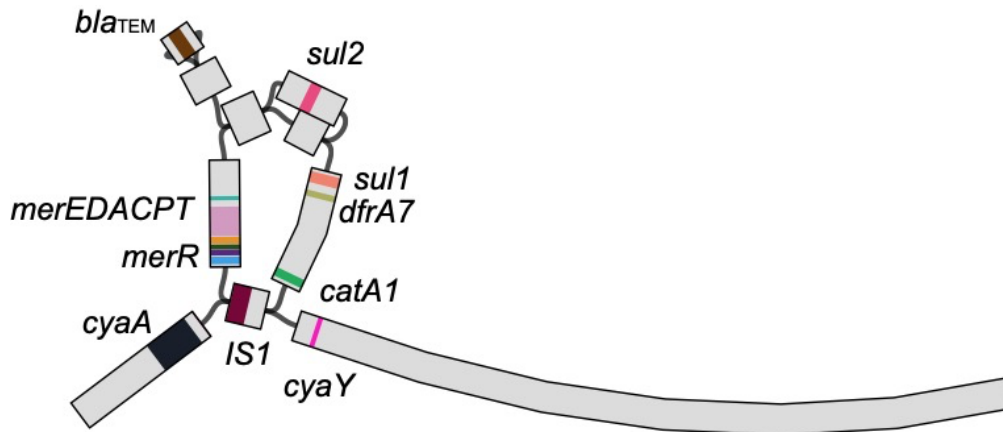
Serotyping and antimicrobial susceptibility testing of strains. *S. Typhi* strains were identified using biochemical and slide agglutination using *Salmonella* Polyvalent O, Polyvalent H, O9 and dH antisera (MAST® ASSURE, Mast Group Ltd, UK) according to manufacturer's instructions. Susceptibility of 29 *S. Typhi* (2018) was determined previously (1) using disc diffusion tests with concentrations of antibiotics as follows: ampicillin (10 µg), chloramphenicol (30 µg), trimethoprim/sulfamethoxazole (1.25/23.75 µg), ceftriaxone (30 µg), azithromycin (15 µg), ciprofloxacin (5 µg) and tetracycline (30 µg) (Mast, Hampshire, UK. Zone diameters were measured and interpreted using CLSI guidelines (2). Sequence accession number and associated metadata for each isolate is provided in Supplementary Table 1.

Computational analysis of sequence data. Read quality was assessed with fastp (3) and summarized with multiqc (4). Bracken (5) was used to assess the level of contamination. Sequences with a theoretical read depth below 20x, or with less than 80% of *Salmonella* reads were excluded from further analysis.

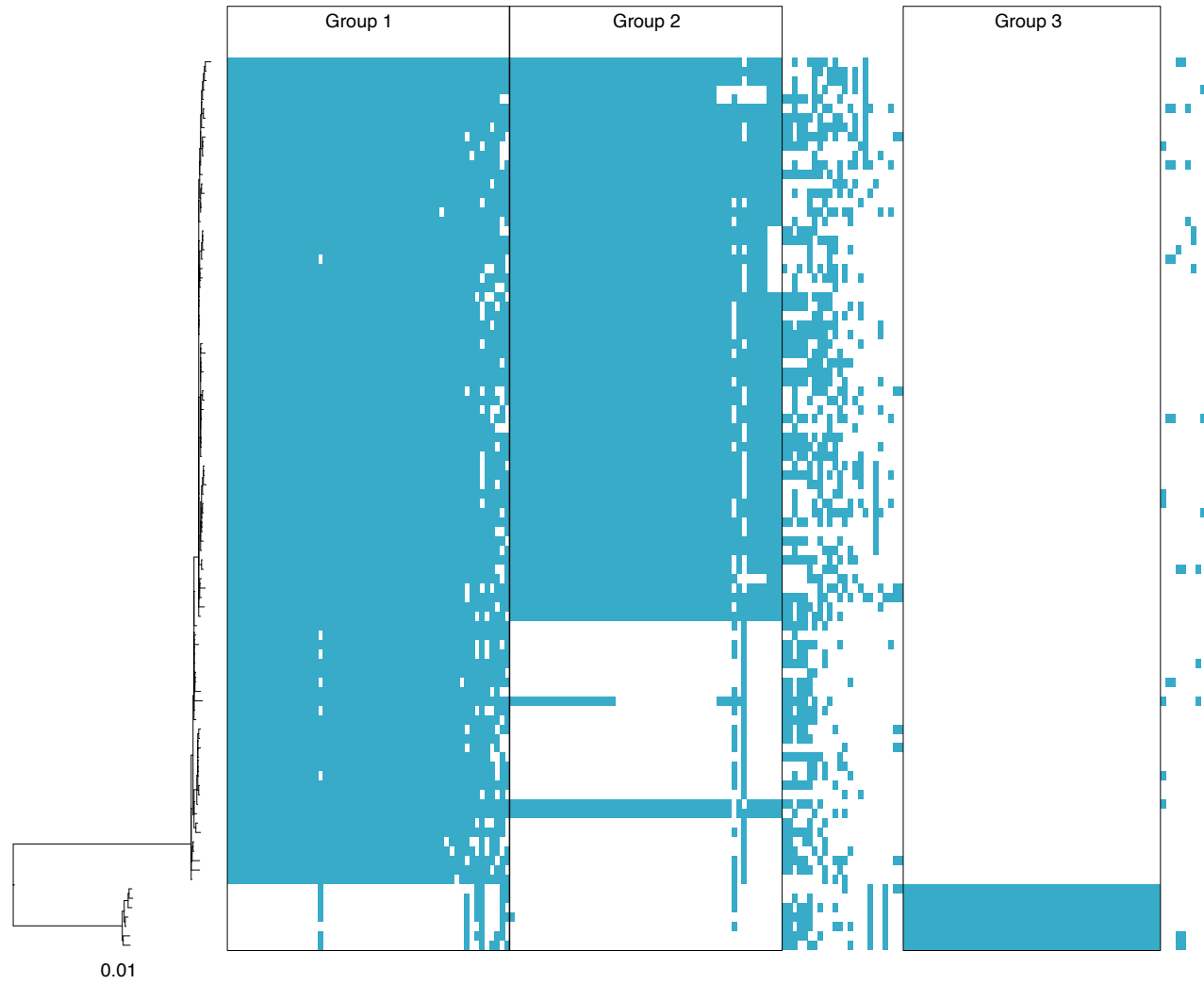
The prediction of genotypes was carried out using the updated GenoTyphi scheme (6, 7). Maximum-likelihood phylogenetic trees were constructed from the core single-nucleotide polymorphism (SNP) alignment with reference to *S. Typhi* strain CT18 (8) using snippy version 4.3.6 as previously described (9). The root node of trees was identified by including outgroups that were removed from final version of the tree (Supplementary table 2). RAxML (version 8.2.10) (10) was used to construct maximum likelihood phylogenetic trees from the core alignment, with the generalized time-reversible model and a Gamma distribution (GTR+ Γ substitution GTRGAMMA in RAxML) to model site-specific rate variation. Support for the maximum-likelihood phylogeny was assessed with rapid bootstraps based on the MRE_IGN Bootstrapping criterion. For time-scaled phylogenetic trees, the 4.3.1.1EA1 subtree was extracted using the tree_subset function from treeio (11) and dating of nodes was performed using bactDating (12) using the root from the subtree. Strict gamma, relaxed gamma, mixed gamma, arc, carc and mixedcarc clock models were tested and compared using the BactDating modelcompare function. The arc model was used for the analysis as it showed the lowest deviance information criterion (DIC) (12).

Antimicrobial resistance genes and plasmid replicons were identified using ARIBA version 2.14.6 (13) with the Plasmidfinder (version 1.2) (14) and ResFinder (version 3.1) (15) databases. Mutations in the *gyrA*, *gyrB* and *parC* chromosomal genes were detected using resistance gene identifier (RGI; version 5.1.1) (13). Genome assembly was carried out using SPAdes version 3.13.0 (16) with default parameters. The quality of the assembly was assessed with the quality assessment tool for genome assemblies QUILT version 5.0.2 (17). Assemblies larger than 5.5 MB were excluded from further analysis. Gene models and annotation was carried out using Prokka version 1.14.5 and Bandage (18, 19). For determination of pangenome and accessory genome, assembled and annotated genome sequences were used as input for Roary version 3.11.2 (20) to identify gene families and their distribution within *S. Typhi* isolates from Zimbabwe. The gene presence absence matrix was filtered to focus on genes present in at least 3 isolates (~3%) and at most 90 isolates (~95%). Regions of interest were extracted from the relevant genomes for further analysis. Prophage annotation was done using a combination of Prokka to generate the gene model and by manual curation using the output from BLASTp derived annotation of the ORF against nr database (21). Nucleotide sequence BLAST results of prophage ZIM331 against the P88 reference (NC_026014) was visualized using genoPlotR (22).

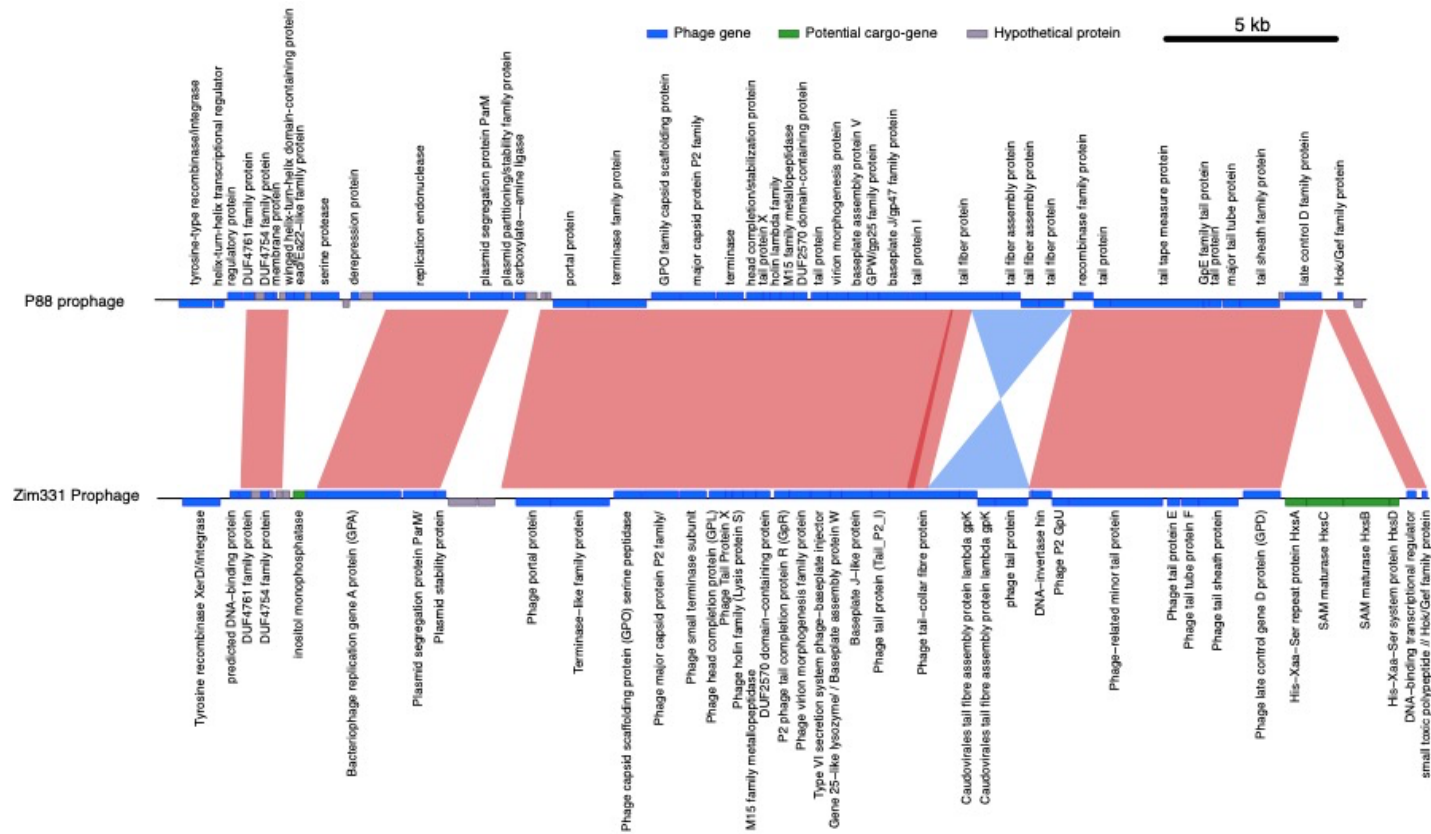
Supplementary Figures



Supplementary Figure 1. Visualisation of a representative nucleotide sequence assembly graph is consistent with insertion of AMR genes in the chromosome. Contiguously assembled sequence (contigs, grey bars), connections between contigs in the graph (grey lines) and position of genes and insertion sequence (coloured bars on contigs) represent the possible assembly of short read sequence. The assembly graphs are consistent with the insertion of AMR genes *aph-6*, *bla*_{TEM-1B}, *dfrA7.1*, *catA1*, *sul1* and *sul2* and mercury resistance genes on the chromosome between the *cyaA* and *cyaY* genes.



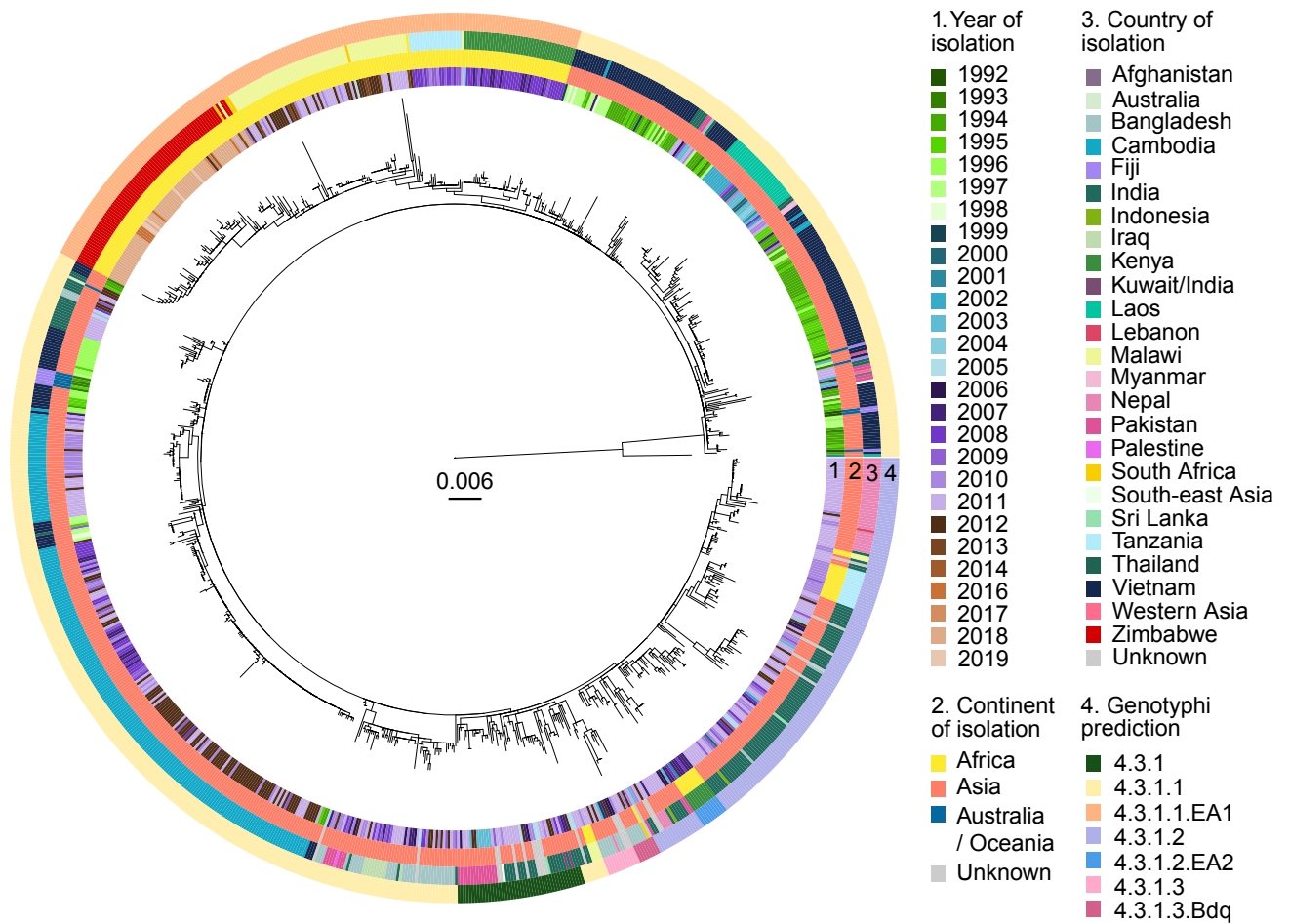
Supplementary Figure 2. Accessory genome of 95 *S. Typhi* isolates from typhoid fever cases linked to Zimbabwe. Gene families (columns) present in each genome (blue) are arranged by frequency at which they occur in 95 genomes of *S. Typhi* strains isolated in Zimbabwe (n=85) or in the UK and associated with travel to Zimbabwe (n=10). Only genes present in greater than two isolates (~3%) and less than 91 isolates (~95%) are shown. Genes with a similar frequency and phylogenetic distribution were classified as group 1, 2 and 3 that correlate with genes present on a composite transposon, IncN plasmid and prophage element, respectively.



Supplementary Figure 3. Comparison of prophage Zim331 with prophage P88. A gene model predicted using prokka show genes with predicted phage functions (blue bars), potential cargo genes (green bars) and hypothetical proteins with no known function (grey bars) based on sequence alignment in the NCBI database, are indicated for prophage P88 and prophage Zim331. Predicted function for proteins encoded by genes (GPD) and regions exhibiting >90% sequence identity in direct alignment (red) or reverse and complement alignment (blue) are indicated.



Supplemental Figure 4. Phylogeny of the subclade 3.3.1 extracted from the global tree. Continent and Country of isolation are represented on a colour coded on as indicated on the key



Supplementary Figure 5. Phylogenetic relationship of genotype 4.3.1 *S. Typhi* strains

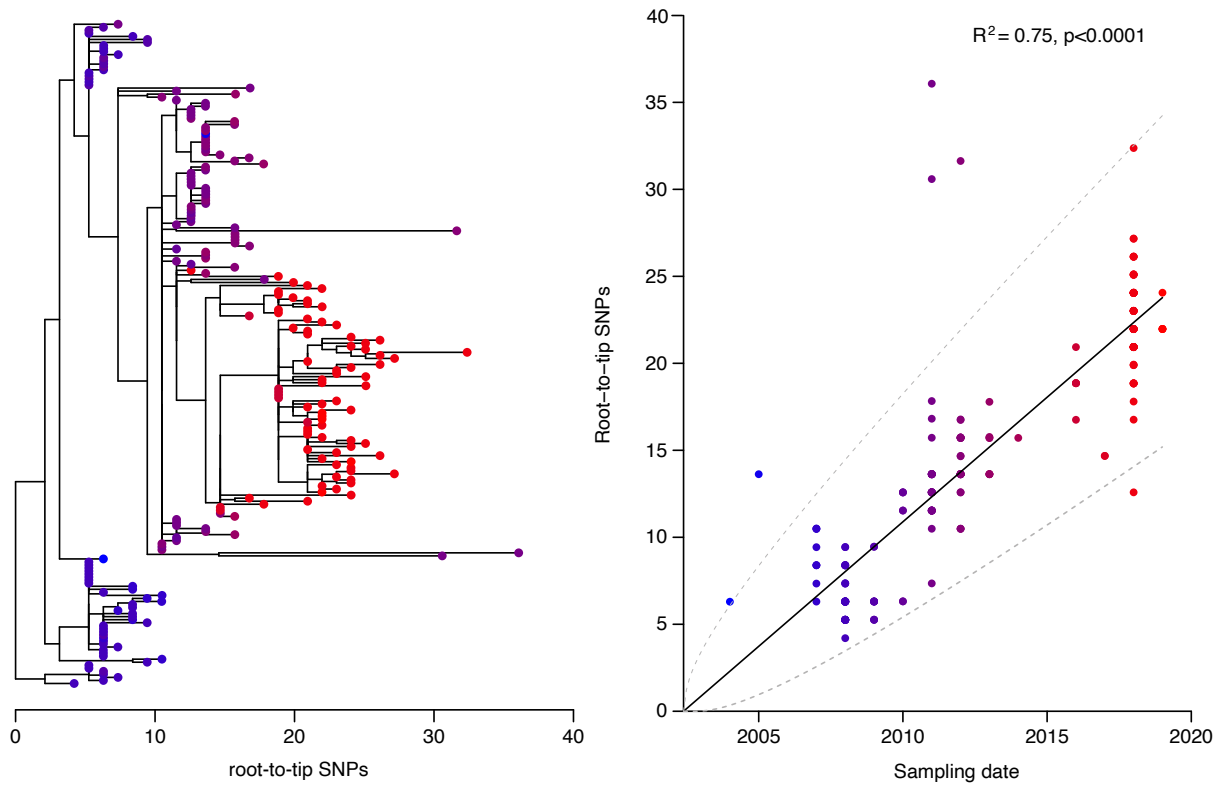
isolates from Zimbabwe and globally dispersed locations. Maximum likelihood

phylogenetic tree constructed based on variation in shared nucleotide sequence with

reference to *S. Typhi* CT18 whole genome sequence assembly. Year of isolation, continent of

isolation, country of isolation and genotype based on genotypic designation are indicated in

concentric circles color coded as indicated in the key (inset).



Supplemental Figure 6. Root to tip regression analysis indicating temporal signal for the accumulation of SNPs within the 4.3.1.1EA1 clade.

References

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Supplementary Table 1. Sequence accession and associated metadata for *S. Typhi* strains used in this study

SRA_samp_id	Read_ID	Sample_id	Genotypi	Age	Sex	Specimen	Year	Continent	Region	Country	Town	Suburb	reference
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QIB-NM116	SRR20666349	NM116	4.3.1.1.EA1	21	M	Blood	2018	Africa	Southern Africa	Zimbabwe	Harare	Kuwadzana 3	This Study
QIB-NM118	SRR20666348	NM118	4.3.1.1.EA1	33	F	Blood	2018	Africa	Southern Africa	Zimbabwe	Harare	Kuwadzana 3	This Study
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HB1-5	ERR4870979	HB1-5	4.3.1.1.EA1	3	M	Blood	2016	Africa	Southern Africa	Zimbabwe	Harare	Budiriro 1	Mashe et al 2021
HB5-6	ERR4870980	HB5-6	4.3.1.1.EA1	21	M	Blood	2016	Africa	Southern Africa	Zimbabwe	Harare	Budiriro 5	Mashe et al 2021
HB1-7	ERR4870981	HB1-7	4.3.1.1.EA1	21	M	Blood	2016	Africa	Southern Africa	Zimbabwe	Harare	Budiriro 1	Mashe et al 2021
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HM-11	ERR4870985	HM-11	3.3.1	10	F	Blood	2017	Africa	Southern Africa	Zimbabwe	Harare	Glenview 3	Mashe et al 2021
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GM20-22	ERR4870996	GM20-22	4.3.1.1.EA1	44	M	Blood	2018	Africa	Southern Africa	Zimbabwe	Gweru	Mkoba 15	Mashe et al 2021
GM20-23	ERR4870997	GM20-23	4.3.1.1.EA1	17	M	Blood	2018	Africa	Southern Africa	Zimbabwe	Gweru	Mufakose	Mashe et al 2021
GM15-24	ERR4870998	GM15-24	4.3.1.1.EA1	34	M	Blood	2018	Africa	Southern Africa	Zimbabwe	Gweru	Budiriro	Mashe et al 2021
HM-25	ERR4870999	HM-25	4.3.1.1.EA1	15	F	Blood	2019	Africa	Southern Africa	Zimbabwe	Harare	Budiriro	Mashe et al 2021
HB-26	ERR4871000	HB-26	4.3.1.1.EA1	13	F	Blood	2019	Africa	Southern Africa	Zimbabwe	Harare	Budiriro	Mashe et al 2021
HB-27	ERR4871001	HB-27	4.3.1.1.EA1	13	F	Blood	2019	Africa	Southern Africa	Zimbabwe	Harare	Budiriro	Mashe et al 2021
HB-28	ERR4871002	HB-28	4.3.1.1.EA1	6	F	Blood	2019	Africa	Southern Africa	Zimbabwe	Harare	Mbare	Mashe et al 2021
HB-29	ERR4871003	HB-29	4.3.1.1.EA1	14	M	Blood	2019	Africa	Southern Africa (UK travel)	Zimbabwe	Harare	Mbare	Mashe et al 2021
unknown	SRR1963102	SRR1963102	4.3.1.1.EA1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1965420	SRR1965420	4.3.1.1.EA1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1965658	SRR1965658	4.3.1.1.EA1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1966355	SRR1966355	4.3.1.1.EA1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1967049	SRR1967049	4.3.1.1.EA1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1969286	SRR1969286	3.3.1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR1969590	SRR1969590	3.3.1	unknown	unknown	unknown	2014	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR3322588	SRR3322588	4.3.1.1.EA1	unknown	unknown	unknown	2015	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR4063811	SRR4063811	4.3.1.1.EA1	unknown	unknown	unknown	2016	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
unknown	SRR7165581	SRR7165581	4.3.1.1.EA1	unknown	unknown	unknown	2016	Africa (UK travel)	Southern Africa (UK travel)	Zimbabwe (UK travel)	unknown	unknown	Ingle et al 2019
H05118260	ERR1017039	N/A	4.3.1.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H05196407	ERR1017040	N/A	4.3.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H05272442	ERR1017041	N/A	3.1.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H05406403	ERR1017042	N/A	4.3.1.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06016481	ERR1017045	N/A	4.3.1.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06156550	ERR1017048	N/A	3.0.1	unknown	unknown	Blood	2006	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06384614	ERR1017052	N/A	4.3.1	unknown	unknown	Blood	2006	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H06394364	ERR1017054	N/A	4.3.1.1	unknown	unknown	Blood	2006	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H06414501	ERR1017055	N/A	3.3.2	unknown	unknown	Blood	2006	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H06434426	ERR1017060	N/A	2.0.2	unknown	unknown	Blood	2006	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H07014193	ERR1017063	N/A	2.2	unknown	unknown	Blood	2006	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016

H07044209	ERR1017064	N/A	4.3.1.2	unknown	unknown	Blood	2007	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H07288307	ERR1017067	N/A	4.3.1.2	unknown	unknown	Blood	2007	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2016
H07288308	ERR1017068	N/A	4.3.1	unknown	unknown	Blood	2007	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H07324312	ERR1017069	N/A	4.3.1.1	unknown	unknown	Blood	2007	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H07336300	ERR1017070	N/A	4.3.1.2	unknown	unknown	Blood	2007	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H07336301	ERR1017071	N/A	4.3.1.1	unknown	unknown	Blood	2007	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H07364324	ERR1017072	N/A	4.3.1.1	unknown	unknown	Blood	2007	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H07384494	ERR1017074	N/A	4.3.1.2	unknown	unknown	Blood	2007	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H07394454	ERR1017075	N/A	4.3.1	unknown	unknown	Blood	2007	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H07402281	ERR1017077	N/A	4.3.1.3	unknown	unknown	Blood	2007	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H07404418	ERR1017078	N/A	3.1.1	unknown	unknown	Blood	2007	Africa	West Africa	Ghana	unknown	unknown	Wong et al, 2016
H08038152	ERR1017081	N/A	2.2.2	unknown	unknown	Blood	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H08082282	ERR1017083	N/A	4.3.1.2	unknown	unknown	Blood	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H08294356	ERR1017087	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H08302395	ERR1017088	N/A	3.2.2	unknown	unknown	Blood	2008	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H08302396	ERR1017089	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H08328499	ERR1017090	N/A	4.3.1	unknown	unknown	Blood	2008	Asia	W Asia/S Asia	Kuwait/India	unknown	unknown	Wong et al, 2016
H08384665	ERR1017091	N/A	3.3	unknown	unknown	Blood	2008	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H08398180	ERR1017092	N/A	4.3.1	unknown	unknown	Blood	2008	Asia	W Asia/S Asia	Kuwait/India	unknown	unknown	Wong et al, 2016
H08428259	ERR1017094	N/A	4.3.1.2	unknown	unknown	Blood	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H08434321	ERR1017095	N/A	3.3	unknown	unknown	Blood	2008	Asia	South Asia	India/Pakistan	unknown	unknown	Wong et al, 2016
H09044141	ERR1017096	N/A	3.1.1	unknown	unknown	Blood	2009	Africa	West Africa	Nigeria	unknown	unknown	Wong et al, 2016
H0905277	ERR1017097	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H09132110	ERR1017098	N/A	3.3.1	unknown	unknown	Blood	2009	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
IB5335	ERR108648	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5336	ERR108649	N/A	2.5	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5339	ERR108652	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5340	ERR108653	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5341	ERR108654	N/A	4.3.1.2	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5342	ERR108655	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5343	ERR108656	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5345	ERR108658	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5347	ERR108659	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5348	ERR108660	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5351	ERR108663	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5352	ERR108664	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5353	ERR108665	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5354	ERR108666	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5355	ERR108667	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5356	ERR108668	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5357	ERR108669	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5358	ERR108670	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5359	ERR108671	N/A	3.3.1	unknown	unknown	Blood	2010	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5360	ERR108672	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
IB5366	ERR108676	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2009	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015

MDUST55	ERR213273	N/A	4.3.1.1	unknown	unknown	Blood	1995	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST56	ERR213274	N/A	2.3.5	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST57	ERR213275	N/A	2.3.5	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST58	ERR213276	N/A	4.2.3	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST59	ERR213277	N/A	4.2.3	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST60	ERR213278	N/A	4.2.3	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST61	ERR213279	N/A	4.2.3	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST62	ERR213280	N/A	4.2.1	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST63	ERR213281	N/A	2.3.5	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST64	ERR213282	N/A	2.3.5	unknown	unknown	Stool & Blood	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST65	ERR213283	N/A	2.3.5	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST66	ERR213284	N/A	2.3.5	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST67	ERR213285	N/A	4.3.1.1	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST68	ERR213286	N/A	2.3.5	unknown	unknown	Stool	1994	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST69	ERR213287	N/A	4.2.3	unknown	unknown	Stool	1996	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST70	ERR213288	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST71	ERR213289	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST72	ERR213290	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
Ke062	ERR217406	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2004	Africa	East Africa	Kenya	unknown	unknown	Wong et al, 2015
1010996	ERR279098	N/A	2.2	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1014063	ERR279099	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1019695	ERR279100	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1019515	ERR279101	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1021678	ERR279102	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1025912	ERR279103	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1030208	ERR279105	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1008634	ERR279106	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1013486	ERR279107	N/A	4.1.1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1021106	ERR279109	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1021701	ERR279110	N/A	2.4.1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1025691	ERR279111	N/A	2.4.1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1031809	ERR279113	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1007914	ERR279114	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1013305	ERR279115	N/A	4.3.1.1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015

1032168	ERR279168	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A55865	ERR279169	N/A	2.2	unknown	unknown	Blood	2009	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1014152	ERR279170	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1021788	ERR279173	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1028963	ERR279174	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1026460	ERR279175	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1031581	ERR279176	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A32420	ERR279177	N/A	2.2	unknown	unknown	Blood	2004	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A33112	ERR279178	N/A	2	unknown	unknown	Blood	2005	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A40201	ERR279182	N/A	2.4.1	unknown	unknown	Blood	2006	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D28995	ERR279187	N/A	2.4.1	unknown	unknown	Blood	2005	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A39483	ERR279189	N/A	4.1.1	unknown	unknown	Blood	2006	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A40566	ERR279190	N/A	2.4.1	unknown	unknown	Blood	2006	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D41342	ERR279191	N/A	4.1.1	unknown	unknown	Blood	2007	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D7558	ERR279344	N/A	4.3.1	unknown	unknown	Not provided	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
D7649	ERR279345	N/A	4.3.1	unknown	unknown	Not provided	2007	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
C3551	ERR279346	N/A	4.3.1.2	unknown	unknown	Not provided	2005	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
C3891	ERR279347	N/A	4.3.1.2	unknown	unknown	Not provided	2005	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
C3495	ERR279348	N/A	4.3.1.1	unknown	unknown	Not provided	2005	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
C3634	ERR279349	N/A	4.3.1.1	unknown	unknown	Not provided	2005	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E2889	ERR279350	N/A	4.3.1.2	unknown	unknown	Not provided	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E2990	ERR279351	N/A	4.3.1.2	unknown	unknown	Not provided	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E1240	ERR279352	N/A	2.2.4	unknown	unknown	Not provided	2004	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E1303	ERR279353	N/A	2.2.4	unknown	unknown	Not provided	2004	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
Quailes	ERR294858	N/A	3.1	unknown	unknown	Gallbladder fluid	1958	North America	North America	United States of America	unknown	unknown	Wong et al, 2015
2008-001909	ERR319402	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-002399	ERR319403	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-003956	ERR319404	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-004254	ERR319405	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2002-216507	ERR319406	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2003-016955	ERR319408	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-006312	ERR319409	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2005-008425	ERR319410	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-006300	ERR319411	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-000156	ERR319412	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-000892	ERR319413	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-002960	ERR319414	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-004002	ERR319415	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-006046	ERR319416	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-007146	ERR319417	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2005-010587	ERR319418	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2003-008924	ERR319419	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-011935	ERR319420	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-012898	ERR319421	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2010-005196	ERR319422	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015

B1542	ERR331278	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B1563	ERR331279	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B1596	ERR331280	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B1616	ERR331281	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B1628	ERR331282	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B2667	ERR331283	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B4381	ERR331284	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
B4387	ERR331285	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
P749	ERR331287	N/A	4.2.2	unknown	unknown	Unknown	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
W478	ERR331288	N/A	4.2.2	unknown	unknown	Rectal swab	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
W794	ERR331289	N/A	4.2.2	unknown	unknown	Stool	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
1102	ERR331290	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1154	ERR331291	N/A	4.3.1.3	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1404	ERR331292	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1499	ERR331293	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1553	ERR331294	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1607	ERR331295	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1703	ERR331296	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1707	ERR331297	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
LNT757	ERR331298	N/A	2.3.4	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
LNT899	ERR331300	N/A	3.4	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
LPB866	ERR331301	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
ST716	ERR331302	N/A	3.4	unknown	unknown	Blood	2008	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV108	ERR331303	N/A	3.2.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV170	ERR331304	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV171	ERR331305	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV179	ERR331306	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV200	ERR331307	N/A	3.4	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV211	ERR331308	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV357	ERR331309	N/A	3.5.2	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV430	ERR331310	N/A	2.2.3,2.2.2	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV431	ERR331311	N/A	3.2.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV500	ERR331312	N/A	3.5.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV547	ERR331313	N/A	3.5.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV552	ERR331314	N/A	3.5.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
SV610	ERR331315	N/A	3.5.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
U110006	ERR331316	N/A	2.3.4	unknown	unknown	Blood	2007	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
U110788	ERR331317	N/A	2.2.3,2.2.2	unknown	unknown	Blood	2007	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015

XN211	ERR331365	N/A	3.4	unknown	unknown	Blood	2010	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
60434	ERR331366	N/A	2.2.2	unknown	unknown	Blood	2006	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0242-M	ERR331368	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0289-M	ERR331369	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
61025	ERR331370	N/A	2.2	unknown	unknown	Blood	2006	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
63714	ERR331371	N/A	3.3.1	unknown	unknown	Blood	2007	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0327-M	ERR331372	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0177-M	ERR331373	N/A	3.1	unknown	unknown	Blood	2007	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0268-M	ERR331374	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0339-M	ERR331375	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0303-M	ERR331376	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0257-M	ERR331377	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0230-K	ERR331378	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0254-M	ERR331379	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
129-0238-M	ERR331380	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2008	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
62717	ERR331381	N/A	2.2	unknown	unknown	Blood	2006	Africa	East Africa	Tanzania	unknown	unknown	Wong et al, 2015
H062640481	ERR331382	N/A	4.3.1.1	unknown	unknown	Blood	2006	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H094620494	ERR331383	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H083520583	ERR331384	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H104280445	ERR331385	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H075080543	ERR331386	N/A	4.3.1.1	unknown	unknown	Blood	2007	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H094420550	ERR331387	N/A	4.3.1.1	unknown	unknown	Stool	2009	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H084140247	ERR331388	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H094320403	ERR331389	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
H084260341	ERR331390	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
1738	ERR337977	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
1877	ERR337978	N/A	4.3.1.3	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
2181	ERR337979	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY019	ERR337981	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY029	ERR337982	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY032	ERR337983	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY053	ERR337984	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY063	ERR337985	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY068	ERR337986	N/A	3.2.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY107	ERR337987	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY108	ERR337988	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY121	ERR337989	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY132	ERR337990	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY138	ERR337991	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY524	ERR337992	N/A	3.3.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY529	ERR337993	N/A	4.3.1.3	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY585	ERR337995	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY589	ERR337996	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
TY647	ERR337997	N/A	4.3.1.3	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
231697	ERR337998	N/A	2.4.1	unknown	unknown	Blood	2007	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015

155749	ERR337999	N/A	2.5	unknown	unknown	Blood	2006	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
175806	ERR338001	N/A	2.4	unknown	unknown	Blood	2006	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1647901	ERR338002	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2005	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1025041	ERR338003	N/A	2.4.1	unknown	unknown	Blood	2004	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1025617	ERR338004	N/A	4.1.1	unknown	unknown	Blood	2004	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1647624	ERR338005	N/A	2.4	unknown	unknown	Blood	2005	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
237091	ERR338006	N/A	2.4.1	unknown	unknown	Blood	2007	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
226195	ERR338007	N/A	2.4.1	unknown	unknown	Blood	2007	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
206926	ERR338008	N/A	1.1.2	unknown	unknown	Blood	2007	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
225555	ERR338009	N/A	2.4	unknown	unknown	Blood	2007	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
241451	ERR338010	N/A	2.4.1	unknown	unknown	Blood	2008	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
238675	ERR338011	N/A	2.4	unknown	unknown	Blood	2008	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
241454	ERR338012	N/A	2.4.1	unknown	unknown	Blood	2008	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
257401	ERR338013	N/A	2.4	unknown	unknown	Blood	2008	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
141461	ERR338016	N/A	2.4.1	unknown	unknown	Blood	2006	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1650362	ERR338019	N/A	2.4	unknown	unknown	Blood	2005	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
1026656	ERR338020	N/A	2.4	unknown	unknown	Blood	2004	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
493790	ERR338023	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
520772	ERR338024	N/A	2.4.1	unknown	unknown	Breast pus	2010	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
516981	ERR338025	N/A	2.4	unknown	unknown	Blood	2010	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
474899	ERR338026	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2010	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
427489	ERR338027	N/A	3.3.1	unknown	unknown	Blood & bone marrow	2010	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
412921	ERR338028	N/A	2.5	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
410378	ERR338029	N/A	2.4	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
410323	ERR338030	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
542825	ERR338031	N/A	3.3.1	unknown	unknown	Blood	2011	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
540614	ERR338032	N/A	2.5	unknown	unknown	Blood	2011	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
583236	ERR338034	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2011	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
627334	ERR338035	N/A	1.1.2	unknown	unknown	Blood	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
648212	ERR338036	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
639624	ERR338037	N/A	3.3.1	unknown	unknown	Blood	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
363192	ERR338039	N/A	3.3.1	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
316083	ERR338040	N/A	2.5	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
671445	ERR338041	N/A	2.4.1	unknown	unknown	Stool	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
325681	ERR338042	N/A	4.1.1	unknown	unknown	CSF & Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
338900	ERR338043	N/A	2.4.1	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
400746	ERR338044	N/A	2.4	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
379905	ERR338046	N/A	2.4.1	unknown	unknown	Blood	2009	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
634660	ERR338047	N/A	2.4	unknown	unknown	Blood	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
671076	ERR338049	N/A	3.1	unknown	unknown	Blood	2012	Africa	South Africa	South Africa	unknown	unknown	Wong et al, 2015
A102	ERR338050	N/A	2.1.9	unknown	unknown	Blood	2005	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
A105	ERR338051	N/A	3.1.2	unknown	unknown	Blood	2012	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
A109	ERR338052	N/A	2.1.3	unknown	unknown	Blood	2004	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
A122	ERR338058	N/A	3.1.2	unknown	unknown	Blood	2005	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
A125	ERR338060	N/A	3.1.2	unknown	unknown	Blood	2005	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015

UI3275	ERR340812	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
UI3313	ERR340813	N/A	3.4	unknown	unknown	Blood	2003	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
UI3396	ERR340814	N/A	2.2.3,2.2.2	unknown	unknown	Blood	2003	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
UI473	ERR340815	N/A	4.3.1.1	unknown	unknown	Blood	2000	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
UI54	ERR340816	N/A	4.1	unknown	unknown	Blood	2000	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
ERL021174	ERR343249	N/A	3.5.4	unknown	unknown	Blood	2002	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL022463	ERR343250	N/A	2.1.4	unknown	unknown	Stool	2002	Asia	Western Asia	Western Asia	unknown	unknown	Wong et al, 2015
ERL022464	ERR343251	N/A	2.1.2	unknown	unknown	Blood	2002	Asia	Western Asia	Western Asia	unknown	unknown	Wong et al, 2015
ERL024120	ERR343252	N/A	2.1.2	unknown	unknown	Stool	2002	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
ERL024182	ERR343253	N/A	2.5	unknown	unknown	Blood	2002	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL02425	ERR343254	N/A	2.5	unknown	unknown	Stool	2002	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL024919	ERR343255	N/A	3.5.4	unknown	unknown	Blood	2002	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL02732	ERR343256	N/A	3.1.2	unknown	unknown	Blood	2002	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
ERL032200	ERR343257	N/A	4.2	unknown	unknown	Blood	2003	Australia & Oceania	Oceania	Tonga	unknown	unknown	Wong et al, 2015
ERL032330	ERR343258	N/A	4.3.1.2	unknown	unknown	Blood	2003	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL034151	ERR343260	N/A	2.2.1	unknown	unknown	Blood	2003	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
ERL04140	ERR343262	N/A	4.3.1.2	unknown	unknown	Blood	2004	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL041419	ERR343263	N/A	4.1	unknown	unknown	Blood	2004	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL041834	ERR343264	N/A	3.3	unknown	unknown	Stool	2004	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL041932	ERR343265	N/A	4.1	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL042857	ERR343266	N/A	3.5.4	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL043008	ERR343267	N/A	3.5.4	unknown	unknown	Stool	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL052042	ERR343269	N/A	4.3.1.1	unknown	unknown	Blood	2005	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL061748	ERR343270	N/A	4.3.1.1	unknown	unknown	Blood	2006	Asia	Southeast Asia	South-east Asia	unknown	unknown	Wong et al, 2015
ERL062282	ERR343271	N/A	4.3.1.2	unknown	unknown	Blood	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL063423	ERR343272	N/A	4.3.1.1	unknown	unknown	Blood	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL063424	ERR343273	N/A	4.3.1.2	unknown	unknown	Blood	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL064553	ERR343274	N/A	3.5.4	unknown	unknown	Blood	2006	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL0661	ERR343275	N/A	2.5	unknown	unknown	Blood	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL07263	ERR343276	N/A	3.5.4	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL07264	ERR343277	N/A	3.5.4	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL072830	ERR343278	N/A	3.5.4	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL072973	ERR343279	N/A	4.2.2	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
ERL07434	ERR343280	N/A	3.5.4	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL082325	ERR343281	N/A	4.2.1	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
ERL082356	ERR343282	N/A	4.3.1.2	unknown	unknown	Stool	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2015

ERL082408	ERR343283	N/A	3.5.4	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL082444	ERR343284	N/A	3.5.4	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL082759	ERR343285	N/A	4.2.2	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
ERL084047	ERR343286	N/A	2.2.2	unknown	unknown	Stool	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL084170	ERR343287	N/A	3.1.2	unknown	unknown	Blood	2008	Asia	East Asia	China	unknown	unknown	Wong et al, 2015
ERL08619	ERR343288	N/A	4.3.1.2	unknown	unknown	Unknown	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL08758	ERR343289	N/A	2.1.7	unknown	unknown	Blood	2008	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL091092	ERR343291	N/A	3.1.2	unknown	unknown	Blood	2009	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
ERL091300	ERR343292	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL091788	ERR343293	N/A	3.2.2	unknown	unknown	Blood	2009	Asia	Southeast Asia	South-east Asia	unknown	unknown	Wong et al, 2015
ERL091797	ERR343294	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL09383	ERR343295	N/A	3.1	unknown	unknown	Stool	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL094053	ERR343296	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL0982	ERR343297	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL0983	ERR343298	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL09892	ERR343299	N/A	3.5.4	unknown	unknown	Unknown	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL101104	ERR343300	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL101621	ERR343301	N/A	2.0.1	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL102156	ERR343302	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL102275	ERR343303	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL102461	ERR343304	N/A	3.5.4	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL10320	ERR343305	N/A	3.5.4	unknown	unknown	Stool	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL10338	ERR343306	N/A	4.3.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Thailand	unknown	unknown	Wong et al, 2015
ERL103534	ERR343307	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL103914	ERR343308	N/A	2.3.2	unknown	unknown	Blood	2010	South America	South America	South America	unknown	unknown	Wong et al, 2015
ERL1048	ERR343309	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL10492	ERR343310	N/A	3.5.4	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL10504	ERR343311	N/A	3.5.4	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL111572	ERR343312	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL111998	ERR343313	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL11299	ERR343314	N/A	2.0.1	unknown	unknown	Stool	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
ERL113095	ERR343315	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL113434	ERR343316	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
ERL114000	ERR343317	N/A	2.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
ERL114070	ERR343318	N/A	2.2	unknown	unknown	Blood	2011	South America	South America	South America	unknown	unknown	Wong et al, 2015
ERL114224	ERR343319	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015

ERL11877	ERR343320	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL11909	ERR343321	N/A	2.0.2	unknown	unknown	Stool	2011	North America	North America	Mexico	unknown	unknown	Wong et al, 2015
ERL12148	ERR343322	N/A	4.3.1.1	unknown	unknown	Stool	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL12375	ERR343323	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL12590	ERR343324	N/A	4.1	unknown	unknown	Stool	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL12680	ERR343325	N/A	2.2.4	unknown	unknown	Stool	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL12959	ERR343326	N/A	3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ERL12960	ERR343327	N/A	4.3.1.1	unknown	unknown	Unknown	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
H12ESR00755-001A	ERR343328	N/A	3	unknown	unknown	Blood	2012	Asia	Southeast Asia	Phillippines	unknown	unknown	Wong et al, 2015
H12ESR02737-001A	ERR343329	N/A	2.4	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
H12ESR04734-001A	ERR343330	N/A	3.3	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
dtc8	ERR349331	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
np69	ERR349332	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np74	ERR349333	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
dtc86	ERR349334	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
np45	ERR349335	N/A	3.3.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np80	ERR349336	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
dtc105	ERR349337	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc153	ERR349338	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
np27	ERR349339	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
dtc174	ERR349341	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
BRD948	ERR349343	N/A	4.1	unknown	unknown	Not provided	1996	Europe	Eastern Europe	Russia	unknown	unknown	Wong et al, 2015
dn191	ERR349345	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn14	ERR349346	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc79	ERR349347	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn63	ERR349348	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn121	ERR349349	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn136	ERR349350	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc116	ERR349351	N/A	3.4	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn86	ERR349353	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn93	ERR349354	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn162	ERR349356	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn18	ERR349357	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc103	ERR349359	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn19	ERR349360	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn160	ERR349361	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc111	ERR349362	N/A	4.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn189	ERR349363	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc93	ERR349364	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn61	ERR349367	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-7	ERR349370	N/A	3.2.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-40	ERR349372	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dy1-73	ERR349373	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-17	ERR349375	N/A	4.3.1.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ipt57	ERR349376	N/A	2.3.4	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015

ty3-193	ERR349378	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-3	ERR349381	N/A	4.3.1.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-214	ERR349384	N/A	4.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-102	ERR349385	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-34	ERR349387	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ipt41	ERR349388	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty1-35	ERR349390	N/A	3.5	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-120	ERR349392	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-91	ERR349397	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-107	ERR349398	N/A	2.3.2	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-32	ERR349400	N/A	3.2.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-93	ERR349402	N/A	4.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-108	ERR349403	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty1-16	ERR349405	N/A	3.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-80	ERR349406	N/A	3.4	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-98	ERR349411	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-111	ERR349412	N/A	2.1.7	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-99	ERR349415	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-86	ERR349423	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty1-34	ERR349424	N/A	2.3.3	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-75	ERR349426	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct95	ERR349523	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct110	ERR349524	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
3525/3	ERR349525	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3080/3	ERR349526	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3069/3	ERR349527	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
np61	ERR349528	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
dct139	ERR349531	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct102	ERR349532	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn163	ERR349533	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn45	ERR349534	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct3	ERR349535	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn15	ERR349536	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn110	ERR349537	N/A	3.4	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct150	ERR349538	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct92	ERR349539	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn10	ERR349541	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn109	ERR349543	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct138	ERR349545	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct69	ERR349546	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn12	ERR349547	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn108	ERR349548	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn57	ERR349549	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dct71	ERR349550	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn20	ERR349551	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015

ty2-104	ERR349616	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-155	ERR349617	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
UI 3257	ERR352253	N/A	3.2.1	unknown	unknown	Blood	2003	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
MDUST106	ERR352254	N/A	3.1	unknown	unknown	Blood	2006	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST115	ERR352255	N/A	2.1.7.1	unknown	unknown	Stool	2009	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST120	ERR352256	N/A	3.1	unknown	unknown	Stool	2009	Europe	Southern Europe	Malta	unknown	unknown	Wong et al, 2015
MDUST121	ERR352257	N/A	2.2.1	unknown	unknown	Blood	2010	Australia & Oceania	Australia	Australia	unknown	unknown	Wong et al, 2015
MDUST123	ERR352258	N/A	3.5.4	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST127	ERR352259	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST130	ERR352260	N/A	3	unknown	unknown	Stool	2011	Asia	Southeast Asia	Malaysia	unknown	unknown	Wong et al, 2015
MDUST133	ERR352261	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST135	ERR352262	N/A	2.3.5	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Tonga	unknown	unknown	Wong et al, 2015
MDUST139	ERR352263	N/A	3.3.1	unknown	unknown	Stool	2012	Asia	Southeast Asia	Myanmar	unknown	unknown	Wong et al, 2015
MDUST141	ERR352264	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST145	ERR352265	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST147	ERR352266	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST149	ERR352267	N/A	3.0.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST151	ERR352268	N/A	4.3.1.2	unknown	unknown	Blood	2012	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST154	ERR352269	N/A	2.3.4	unknown	unknown	Stool	2011	Asia	East Asia	China	unknown	unknown	Wong et al, 2015
MDUST158	ERR352270	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST161	ERR352271	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST166	ERR352272	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST169	ERR352273	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST182	ERR352274	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST185	ERR352275	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST187	ERR352276	N/A	4.3.1.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST196	ERR352277	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST197	ERR352278	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST198	ERR352279	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Myanmar	unknown	unknown	Wong et al, 2015
MDUST199	ERR352280	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST200	ERR352281	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST206	ERR352282	N/A	3	unknown	unknown	Blood	2010	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST211	ERR352283	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST216	ERR352284	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST217	ERR352285	N/A	3.2.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST223	ERR352286	N/A	4.3.1.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST226	ERR352287	N/A	2.1.7.1	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST229	ERR352288	N/A	2.1.7.1	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST231	ERR352289	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST234	ERR352290	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015

MDUST237	ERR352291	N/A	4.3.1.2	unknown	unknown	Stool	2010	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
MDUST239	ERR352292	N/A	3.5.4	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST241	ERR352293	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST242	ERR352294	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST243	ERR352295	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST248	ERR352296	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST249	ERR352297	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST252	ERR352298	N/A	3.3.2.Bd1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST253	ERR352299	N/A	3.1.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST255	ERR352300	N/A	2.1.7.1	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST256	ERR352301	N/A	2.1.7.1	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST257	ERR352302	N/A	2.1.5	unknown	unknown	Blood	2010	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST258	ERR352303	N/A	3.2.2	unknown	unknown	Stool	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST259	ERR352304	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST265	ERR352305	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST267	ERR352306	N/A	2.5	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST269	ERR352307	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST270	ERR352308	N/A	4.3.1.1	unknown	unknown	Stool	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST274	ERR352309	N/A	2.1.7.2	unknown	unknown	Blood	1996	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST295	ERR352310	N/A	2.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST310	ERR352311	N/A	3.5	unknown	unknown	Stool	1991	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST319	ERR352312	N/A	4.2.1	unknown	unknown	Blood	1983	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST326	ERR352313	N/A	4.3.1.1	unknown	unknown	Stool	1992	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST328	ERR352314	N/A	2.1.7.1	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST335	ERR352315	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST337	ERR352316	N/A	4.2.1	unknown	unknown	Blood	1984	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST354	ERR352317	N/A	4.2.3	unknown	unknown	Blood	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST355	ERR352318	N/A	2.1.7	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST361	ERR352319	N/A	2.1.7.1	unknown	unknown	Stool	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST362	ERR352320	N/A	2.1.7.1	unknown	unknown	Blood	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST363	ERR352321	N/A	2.1.7.1	unknown	unknown	Blood	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST364	ERR352322	N/A	2.1.7.1	unknown	unknown	Stool	1999	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST366	ERR352323	N/A	3.3.1	unknown	unknown	Blood	2011	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015
MDUST382	ERR352324	N/A	3.3.1	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST385	ERR352325	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST386	ERR352326	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Western Asia	Iraq	unknown	unknown	Wong et al, 2015

MDUST387	ERR352327	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST391	ERR352328	N/A	2.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST393	ERR352329	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST396	ERR352330	N/A	2.3.2	unknown	unknown	Stool	2012	South America	South America	El Salvador	unknown	unknown	Wong et al, 2015
MDUST397	ERR352331	N/A	3	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST403	ERR352332	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
MDUST404	ERR352333	N/A	4.2.2	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST406	ERR352334	N/A	3.5.4	unknown	unknown	Blood	2012	Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST408	ERR352335	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST410	ERR352336	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST411	ERR352337	N/A	4.1	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST412	ERR352338	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
MDUST418	ERR352339	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST108	ERR352426	N/A	3.1	unknown	unknown	Stool	2007	Africa	West Africa	Liberia	unknown	unknown	Wong et al, 2015
MDUST109	ERR352427	N/A	2.1.7.1	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST113	ERR352428	N/A	2.2.1	unknown	unknown	Blood	2009	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST116	ERR352429	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST117	ERR352430	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST118	ERR352431	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST125	ERR352432	N/A	3.5.4	unknown	unknown	Blood	2011	Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST126	ERR352433	N/A	2.2.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Malaysia	unknown	unknown	Wong et al, 2015
MDUST128	ERR352434	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST129	ERR352435	N/A	3	unknown	unknown	Blood	2011	Asia	Southeast Asia	Phillipines	unknown	unknown	Wong et al, 2015
MDUST131	ERR352436	N/A	3.3	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST132	ERR352437	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST136	ERR352438	N/A	3.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST140	ERR352439	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST143	ERR352440	N/A	2.2.1	unknown	unknown	Stool	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST150	ERR352441	N/A	3	unknown	unknown	Blood	2012	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST152	ERR352442	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Africa	Africa	unknown	unknown	Wong et al, 2015
MDUST153	ERR352443	N/A	4.3.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST156	ERR352444	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST157	ERR352445	N/A	4.3.1.2	unknown	unknown	Stool	2012	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
MDUST159	ERR352446	N/A	4.3.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST162	ERR352447	N/A	4.3.1.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST163	ERR352448	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST168	ERR352449	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST174	ERR352451	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	Sri Lanka	unknown	unknown	Wong et al, 2015
MDUST175	ERR352452	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST177	ERR352453	N/A	1.1.4	unknown	unknown	Urine	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015

MDUST179	ERR352454	N/A	3.2.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST183	ERR352455	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST184	ERR352456	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST194	ERR352457	N/A	3.2.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST201	ERR352458	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST202	ERR352459	N/A	2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST203	ERR352460	N/A	2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST204	ERR352461	N/A	2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST205	ERR352462	N/A	2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST207	ERR352463	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST214	ERR352464	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST215	ERR352465	N/A	3	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST220	ERR352466	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST222	ERR352467	N/A	2.1.5	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST232	ERR352468	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST235	ERR352469	N/A	3.2.1	unknown	unknown	Stool	2010	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
MDUST236	ERR352470	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Thailand	unknown	unknown	Wong et al, 2015
MDUST244	ERR352471	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST246	ERR352472	N/A	2.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST250	ERR352473	N/A	0.0.2	unknown	unknown	Blood	2010	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST261	ERR352474	N/A	4.3.1	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST268	ERR352475	N/A	2.5	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST276	ERR352476	N/A	2.1.7.2	unknown	unknown	Stool	1994	Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST278	ERR352477	N/A	2.1.7.1	unknown	unknown	Blood	2001	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST279	ERR352478	N/A	2.1.7.1	unknown	unknown	Blood	2002	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST282	ERR352479	N/A	3.5.4	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST283	ERR352480	N/A	3.5.4	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST286	ERR352481	N/A	3.5.4	unknown	unknown	Blood	2005	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST287	ERR352482	N/A	2.1.7.1	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST288	ERR352483	N/A	2.1.7.1	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST289	ERR352484	N/A	3.5.4	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST291	ERR352485	N/A	3.5.4	unknown	unknown	Stool	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST292	ERR352486	N/A	3.5.4	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST296	ERR352487	N/A	2.1.7.1	unknown	unknown	Blood	2010	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST297	ERR352488	N/A	3.5.4	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST298	ERR352489	N/A	2.1.7.2	unknown	unknown	Blood	1998	Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015

MDUST299	ERR352490	N/A	2.1.7.2	unknown	unknown	Blood	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST300	ERR352491	N/A	2.1.7.1	unknown	unknown	Stool	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST301	ERR352492	N/A	2.1.7.1	unknown	unknown	Stool	1988	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST313	ERR352493	N/A	2.1.7.1	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST321	ERR352494	N/A	4.2.1	unknown	unknown	Blood	1983	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST322	ERR352495	N/A	2.3.5	unknown	unknown	Blood	1983	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST330	ERR352496	N/A	2.1.7.2	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST331	ERR352497	N/A	2.1.7.1	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST336	ERR352498	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST339	ERR352499	N/A	2.3.5	unknown	unknown	Stool	1984	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST348	ERR352500	N/A	2.1.7.2	unknown	unknown	Unknown	1985	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST351	ERR352501	N/A	3.5.1	unknown	unknown	Stool	1985	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST352	ERR352502	N/A	2.3.5	unknown	unknown	Blood	1986	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST358	ERR352503	N/A	2.1.7.2	unknown	unknown	Stool	1996	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST368	ERR352504	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST383	ERR352505	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST388	ERR352506	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST389	ERR352507	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST401	ERR352508	N/A	2.0.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST402	ERR352509	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Afghanistan	unknown	unknown	Wong et al, 2015
MDUST407	ERR352510	N/A	2.2.2	unknown	unknown	Stool	2007	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST415	ERR352511	N/A	3	unknown	unknown	Blood	2012	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
3592/3	ERR352599	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3306/3	ERR352602	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3322/3	ERR352604	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
dn51	ERR352605	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn17	ERR352606	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn40	ERR352607	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc84	ERR352608	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn126	ERR352609	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc81	ERR352611	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn192	ERR352612	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn152	ERR352613	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc76	ERR352614	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn95	ERR352615	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn182	ERR352616	N/A	4.3.1.1	unknown	unknown	Blood	1996	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc109	ERR352617	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015

ty3-194	ERR352673	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ipt83	ERR352677	N/A	4.3.1.1	unknown	unknown	Blood	1998	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-196	ERR352679	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-222	ERR352681	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-197	ERR352685	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-213	ERR352687	N/A	3.2.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-69	ERR352689	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ipt16	ERR352691	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ipt19	ERR352697	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty3-199	ERR352699	N/A	3.2.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-105	ERR352703	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-138	ERR352705	N/A	4.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-106	ERR352709	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-141	ERR352711	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-143	ERR352713	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-113	ERR352715	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-116	ERR352717	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-133	ERR352719	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-154	ERR352721	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-119	ERR352725	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
MDUST107	ERR352941	N/A	2.1.7.1	unknown	unknown	Blood	2007	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST111	ERR352942	N/A	3.3	unknown	unknown	Urine	2008	Africa	North Africa	Sudan	unknown	unknown	Wong et al, 2015
MDUST181	ERR352943	N/A	4.3.1.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST186	ERR352944	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST188	ERR352945	N/A	3	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST189	ERR352946	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST208	ERR352947	N/A	2.2.1	unknown	unknown	Blood	2010	Australia & Oceania	Australia	Australia	unknown	unknown	Wong et al, 2015
MDUST209	ERR352948	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST210	ERR352949	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST212	ERR352950	N/A	2.2.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST213	ERR352951	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST219	ERR352952	N/A	2.2.2	unknown	unknown	Stool	2011	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST224	ERR352953	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST225	ERR352954	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
ST1134/01	ERR353330	N/A	2	unknown	unknown	Stool	2001	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST1197/88	ERR353331	N/A	2.3.3	unknown	unknown	Urine	1988	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST1309/04	ERR353332	N/A	2.3.3	unknown	unknown	Blood	2004	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST1625/88	ERR353334	N/A	4.1	unknown	unknown	Stool	1988	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST1921/06	ERR353335	N/A	2.3.3	unknown	unknown	Stool	2006	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST2338/98	ERR353336	N/A	2.3.3	unknown	unknown	Blood	1905	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST3090/99	ERR353338	N/A	2	unknown	unknown	Stool	1999	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST472/01	ERR353339	N/A	4.1	unknown	unknown	Stool	1905	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST805/02	ERR353340	N/A	2.3.2	unknown	unknown	Stool	2002	South America	South America	Argentina	unknown	unknown	Wong et al, 2015

ST821/98	ERR353341	N/A	4.1	unknown	unknown	Stool	1905	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
ST860/95	ERR353342	N/A	2.3.2	unknown	unknown	Stool	1905	South America	South America	Argentina	unknown	unknown	Wong et al, 2015
MDUST114	ERR357440	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST138	ERR357441	N/A	3.3.1	unknown	unknown	Stool	2012	Asia	Southeast Asia	Myanmar	unknown	unknown	Wong et al, 2015
MDUST155	ERR357442	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST160	ERR357443	N/A	3.0.2	unknown	unknown	Stool	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST164	ERR357444	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST178	ERR357445	N/A	2.1	unknown	unknown	Stool	2011	Asia	Southeast Asia	EastTimor	unknown	unknown	Wong et al, 2015
MDUST180	ERR357446	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST277	ERR357447	N/A	2.1.7.1	unknown	unknown	Blood	2001	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST281	ERR357449	N/A	2.1.7.1	unknown	unknown	Blood	2002	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST284	ERR357450	N/A	4.1	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST285	ERR357451	N/A	4.1	unknown	unknown	Blood	2004	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST293	ERR357452	N/A	2.1.7.1	unknown	unknown	Stool	2009	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST294	ERR357453	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
MDUST303	ERR357454	N/A	4.2	unknown	unknown	Unknown	1980	Australia & Oceania	Oceania	Tonga	unknown	unknown	Wong et al, 2015
MDUST304	ERR357455	N/A	2.1.7.1	unknown	unknown	Stool	1990	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST305	ERR357456	N/A	2.1.7.1	unknown	unknown	Blood	1990	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST306	ERR357457	N/A	4.2.1	unknown	unknown	Unknown	1981	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST309	ERR357459	N/A	4.2	unknown	unknown	Unknown	1981	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST311	ERR357460	N/A	4.2	unknown	unknown	Stool	1982	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST312	ERR357461	N/A	4.2	unknown	unknown	Stool	1982	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST315	ERR357462	N/A	4.1	unknown	unknown	Stool	1991	Australia & Oceania	Oceania	Vanuatu	unknown	unknown	Wong et al, 2015
MDUST316	ERR357463	N/A	4.2	unknown	unknown	Unknown	1982	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST317	ERR357464	N/A	4.2.1	unknown	unknown	Knee aspirate	1982	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST318	ERR357465	N/A	4.2	unknown	unknown	Unknown	1982	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST320	ERR357466	N/A	4.2.1	unknown	unknown	Stool	1983	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST323	ERR357467	N/A	4.2.1	unknown	unknown	Blood	1983	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST325	ERR357468	N/A	3.5.4	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST327	ERR357469	N/A	4.3.1.1	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST329	ERR357470	N/A	2.1.7.1	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015

MDUST332	ERR357471	N/A	2.1.7.2	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST333	ERR357472	N/A	2.1.7.1	unknown	unknown	Blood	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST334	ERR357473	N/A	3	unknown	unknown	Blood	1984	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST340	ERR357474	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST341	ERR357475	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST342	ERR357476	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST344	ERR357477	N/A	4.2.1	unknown	unknown	Stool	1985	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST345	ERR357478	N/A	2.1.7.2	unknown	unknown	Unknown	1985	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST349	ERR357479	N/A	2.3.5	unknown	unknown	Stool	1985	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST356	ERR357480	N/A	2.1.7.1	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST360	ERR357481	N/A	2.1.7.1	unknown	unknown	Stool	1998	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
np4	ERR357576	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np41	ERR357577	N/A	3.3.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np94	ERR357578	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3671/3	ERR357579	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3332/3	ERR357580	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
ERL113717	ERR357581	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
np5	ERR357583	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np43	ERR357584	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np95	ERR357585	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np8	ERR357587	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np44	ERR357588	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np75	ERR357589	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np97	ERR357590	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3632/3	ERR357591	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
3139/3	ERR357592	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
H12ESR01052-001A	ERR357593	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np11	ERR357594	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np99	ERR357595	N/A	3.3.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3182/3	ERR357596	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
H12ESR01946-001A	ERR357598	N/A	3.5.4	unknown	unknown	Unknown	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
dtc97	ERR357599	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
np12	ERR357600	N/A	3.3.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np49	ERR357601	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np81	ERR357602	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np101	ERR357603	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3157/3	ERR357604	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015

H12ESR00394-001A	ERR357605	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np13	ERR357606	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np50	ERR357607	N/A	3.2.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np83	ERR357608	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3653/3	ERR357610	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
H12ESR04893-001A	ERR357611	N/A	3.5.4	unknown	unknown	Stool	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np16	ERR357612	N/A	3.3.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np51	ERR357613	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np87	ERR357614	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
ERL022368	ERR357615	N/A	4.3.1.1	unknown	unknown	Blood	2002	Asia	Western Asia	Western Asia	unknown	unknown	Wong et al, 2015
H12ESR04732-001A	ERR357617	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
dtc122	ERR357618	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
np22	ERR357619	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np57	ERR357620	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np88	ERR357621	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3673/3	ERR357623	N/A	2.5.1	unknown	unknown	Blood	2011	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
H12ESR00753-001A	ERR357624	N/A	3.5.4	unknown	unknown	Stool	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np60	ERR357625	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np89	ERR357626	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
H12ESR04835-001A	ERR357627	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np31	ERR357628	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np90	ERR357629	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
ERL09896	ERR357630	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
H12ESR04928-001A	ERR357631	N/A	2.2.1	unknown	unknown	Stool	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
np39	ERR357632	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np65	ERR357633	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np92	ERR357634	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
3143/3	ERR357635	N/A	2.5.1	unknown	unknown	Blood	2010	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
ERL102292	ERR357636	N/A	4.3.1	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
np40	ERR357637	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np67	ERR357638	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
np93	ERR357639	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
ERL101102	ERR357641	N/A	4.3.1.2	unknown	unknown	Stool	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
dtc99	ERR357642	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc98	ERR357643	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dn88	ERR357644	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc20	ERR357645	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc131	ERR357646	N/A	3.4	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc180	ERR357647	N/A	4.3.1.1	unknown	unknown	Blood	1995	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc5	ERR357648	N/A	3.2.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dtc107	ERR357649	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015

ct1-13	ERR357651	N/A	4.3.1.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ct1-19	ERR357652	N/A	1.2.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dy1-99	ERR357653	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
dy1-71	ERR357654	N/A	4.3.1.1	unknown	unknown	Blood	1997	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-121	ERR357655	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-122	ERR357657	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty1-48	ERR357659	N/A	4.3.1.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-124	ERR357661	N/A	4.3.1.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-68	ERR357663	N/A	3	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty2-69	ERR357665	N/A	4.1	unknown	unknown	Blood	1994	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
ty1-30	ERR357667	N/A	3.2.1	unknown	unknown	Blood	1993	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
MDUST110	ERR357756	N/A	2.2.1	unknown	unknown	Blood	2007	Africa	North Africa	Egypt	unknown	unknown	Wong et al, 2015
MDUST112	ERR357757	N/A	3.3	unknown	unknown	Urine	2008	Africa	North Africa	Sudan	unknown	unknown	Wong et al, 2015
MDUST119	ERR357758	N/A	3.5.4	unknown	unknown	Blood	2009	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST122	ERR357759	N/A	3.5.4	unknown	unknown	Urine	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST124	ERR357760	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST134	ERR357761	N/A	3	unknown	unknown	Stool	2011	Asia	Southeast Asia	Phillipines	unknown	unknown	Wong et al, 2015
MDUST137	ERR357762	N/A	3.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST142	ERR357763	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST144	ERR357764	N/A	4.3.1.1	unknown	unknown	Blood	2012	Australia & Oceania	Australia	Australia	unknown	unknown	Wong et al, 2015
MDUST146	ERR357765	N/A	4.3.1.2	unknown	unknown	Blood	2012	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST148	ERR357766	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST165	ERR357767	N/A	2.2.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST167	ERR357768	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST170	ERR357769	N/A	4.3.1	unknown	unknown	Stool	2011	Asia	Southeast Asia	South-east Asia	unknown	unknown	Wong et al, 2015
MDUST171	ERR357770	N/A	3.3	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST172	ERR357771	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Thailand	unknown	unknown	Wong et al, 2015
MDUST176	ERR357772	N/A	3.3.2.Bd2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST190	ERR357773	N/A	4.3.1.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST191	ERR357774	N/A	3.3.2.Bd1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST192	ERR357775	N/A	0.0.2	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST193	ERR357776	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST195	ERR357777	N/A	3.3	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST218	ERR357778	N/A	2.2.2	unknown	unknown	Blood	2011	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
MDUST221	ERR357779	N/A	3.3	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST227	ERR357780	N/A	3.2.2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST228	ERR357781	N/A	3.5.4	unknown	unknown	Urine	2010	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST230	ERR357782	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST233	ERR357783	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST238	ERR357784	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST240	ERR357785	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST245	ERR357786	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015

MDUST247	ERR357787	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST251	ERR357788	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST254	ERR357789	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST260	ERR357790	N/A	2.2.2	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2015
MDUST262	ERR357791	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST263	ERR357792	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST264	ERR357793	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST266	ERR357794	N/A	4.3.1	unknown	unknown	Stool	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST271	ERR357795	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST272	ERR357796	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST273	ERR357797	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST275	ERR357798	N/A	2.1.7.1	unknown	unknown	Stool	1992	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST290	ERR357799	N/A	3.5.4	unknown	unknown	Blood	2008	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST302	ERR357800	N/A	4.1	unknown	unknown	Unknown	1980	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST307	ERR357801	N/A	4.2.1	unknown	unknown	Unknown	1981	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST314	ERR357802	N/A	4.1	unknown	unknown	Blood	1991	Australia & Oceania	Oceania	Vanuatu	unknown	unknown	Wong et al, 2015
MDUST324	ERR357803	N/A	4.3.1.1	unknown	unknown	Stool	1992	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST338	ERR357804	N/A	2.1.7.1	unknown	unknown	Blood	1993	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST343	ERR357805	N/A	2.3.5	unknown	unknown	Blood	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST346	ERR357806	N/A	4.2.1	unknown	unknown	Blood	1984	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST347	ERR357807	N/A	4.3.1.1	unknown	unknown	Stool	1993	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST350	ERR357808	N/A	2.3.5	unknown	unknown	Blood	1985	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
MDUST353	ERR357809	N/A	4.1	unknown	unknown	Blood	1986	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST357	ERR357810	N/A	2.1.7.2	unknown	unknown	Blood	1994	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST359	ERR357811	N/A	2.1.7.1	unknown	unknown	Blood	1996	Australia & Oceania	Oceania	Papua New Guinea	unknown	unknown	Wong et al, 2015
MDUST367	ERR357813	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST369	ERR357814	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST370	ERR357815	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST371	ERR357816	N/A	3.5.4	unknown	unknown	Blood	2011	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST372	ERR357817	N/A	4.3.1	unknown	unknown	Stool	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST373	ERR357818	N/A	2.5	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST374	ERR357819	N/A	4.3.1.1	unknown	unknown	Stool	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
MDUST375	ERR357820	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST376	ERR357821	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST377	ERR357822	N/A	4.3.1.2	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST378	ERR357823	N/A	3	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015

MDUST379	ERR357824	N/A	4.3.1.1	unknown	unknown	Stool	2011	Asia	Southeast Asia	Myanmar	unknown	unknown	Wong et al, 2015
MDUST380	ERR357825	N/A	3.2.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST381	ERR357826	N/A	3.3.1	unknown	unknown	Stool	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST384	ERR357827	N/A	2.1	unknown	unknown	Stool	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST390	ERR357828	N/A	4.3.1.3	unknown	unknown	Stool	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
MDUST392	ERR357829	N/A	4.3.1	unknown	unknown	Unknown	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST394	ERR357830	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST395	ERR357831	N/A	2.1.6	unknown	unknown	Blood	2012	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST398	ERR357832	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
MDUST399	ERR357833	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
MDUST400	ERR357834	N/A	4.3.1.2	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST405	ERR357835	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST409	ERR357836	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST413	ERR357837	N/A	2.2.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST414	ERR357838	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
MDUST416	ERR357839	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST417	ERR357840	N/A	3.5.4	unknown	unknown	Blood	2012	Australia & Oceania	Oceania	Samoa	unknown	unknown	Wong et al, 2015
MDUST419	ERR357841	N/A	3.3.1	unknown	unknown	Stool	2011	Australia & Oceania	Oceania	Fiji	unknown	unknown	Wong et al, 2015
820	ERR360449	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
5504	ERR360450	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3657	ERR360451	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
1093	ERR360452	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
17311	ERR360453	N/A	2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
18763	ERR360454	N/A	3.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3802	ERR360455	N/A	2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
16637	ERR360456	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3723	ERR360457	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3484	ERR360458	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
16599	ERR360459	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
2439	ERR360460	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
1382	ERR360461	N/A	4.3.1.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
200	ERR360462	N/A	2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
20753	ERR360463	N/A	3.2.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3163	ERR360464	N/A	3.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
11193	ERR360465	N/A	3.3	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
6289	ERR360466	N/A	2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
2064	ERR360467	N/A	2.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
1041	ERR360468	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
4180	ERR360469	N/A	2.3.3	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
21801	ERR360470	N/A	4.3.1.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3283	ERR360471	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
10109	ERR360472	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015

20911	ERR360473	N/A	3.2.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
21095	ERR360474	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
21669	ERR360475	N/A	3.2.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
2176	ERR360476	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
11110	ERR360477	N/A	3.2.2	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
2513	ERR360478	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3164	ERR360479	N/A	2.3.3	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
42	ERR360480	N/A	4.3.1.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
3769	ERR360481	N/A	4.3.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
7415	ERR360482	N/A	3.0.1	unknown	unknown	Blood	2003	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2015
E99-6646	ERR360483	N/A	3.1	unknown	unknown	Not provided	1999	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
Sep-18	ERR360484	N/A	0.1	unknown	unknown	Not provided	2009	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
77-303	ERR360485	N/A	2.5	unknown	unknown	Not provided	1977	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E98-8119	ERR360486	N/A	0.1.3	unknown	unknown	Not provided	1998	South America	South America	Peru	unknown	unknown	Wong et al, 2015
E99-8013	ERR360487	N/A	2.2	unknown	unknown	Not provided	1999	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
Jul-65	ERR360488	N/A	3.1.1	unknown	unknown	Not provided	2007	Africa	West Africa	IvoryCoast	unknown	unknown	Wong et al, 2015
E98-2107	ERR360489	N/A	2.3.1	unknown	unknown	Not provided	1998	Africa	West Africa	Senegal	unknown	unknown	Wong et al, 2015
E98-2601	ERR360490	N/A	3.3	unknown	unknown	Not provided	1998	Africa	West Africa	Gabon	unknown	unknown	Wong et al, 2015
E99-9794	ERR360491	N/A	3	unknown	unknown	Not provided	1999	Africa	East Africa	Comoros	unknown	unknown	Wong et al, 2015
E00-1382	ERR360492	N/A	2.0.2	unknown	unknown	Not provided	2000	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
E97-2364	ERR360493	N/A	2.5	unknown	unknown	Not provided	1997	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
IPCU	ERR360494	N/A	2.3.1	unknown	unknown	Not provided	2007	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
Sep-21	ERR360495	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	West Africa	Guinea	unknown	unknown	Wong et al, 2015
E97-3246	ERR360496	N/A	2.5.2	unknown	unknown	Not provided	1997	Africa	East Africa	Madagascar	unknown	unknown	Wong et al, 2015
E02-2364	ERR360497	N/A	2.5	unknown	unknown	Not provided	2002	Africa	East Africa	Comoros	unknown	unknown	Wong et al, 2015
E98-4364	ERR360498	N/A	2.3.2	unknown	unknown	Not provided	1998	North America	North America	Mexico	unknown	unknown	Wong et al, 2015
E99-4879	ERR360499	N/A	2	unknown	unknown	Not provided	1999	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
Sep-84	ERR360500	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	Africa	Africa	unknown	unknown	Wong et al, 2015
Sep-14	ERR360501	N/A	3.1.1	unknown	unknown	Not provided	2009	Europe	Western Europe	France (mother-child, African name)	unknown	unknown	Wong et al, 2015
E00-6657	ERR360502	N/A	4.1	unknown	unknown	Not provided	2000	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
E98-11555	ERR360503	N/A	2	unknown	unknown	Not provided	1998	Asia	Western Asia	Armenia	unknown	unknown	Wong et al, 2015
E02-1963	ERR360504	N/A	4.3.1.1	unknown	unknown	Blood	2002	Asia	Southeast Asia	Laos	unknown	unknown	Wong et al, 2015
E01-1747	ERR360505	N/A	0.1.1	unknown	unknown	Not provided	2001	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
Sep-06	ERR360506	N/A	2.5.1	unknown	unknown	Not provided	2009	Africa	Central Africa	CAR	unknown	unknown	Wong et al, 2015
E99-6359	ERR360507	N/A	2.3.2	unknown	unknown	Not provided	1999	Africa	West Africa	Mali	unknown	unknown	Wong et al, 2015
80-2002	ERR360509	N/A	2.2	unknown	unknown	Not provided	1980	Africa	East Africa	Madagascar	unknown	unknown	Wong et al, 2015
E99-8635	ERR360510	N/A	4.3.1.3	unknown	unknown	Blood	1999	Asia	South Asia	Nepal	unknown	unknown	Wong et al, 2015
76-1292	ERR360511	N/A	1.1.3	unknown	unknown	Blood	1976	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
Sep-24	ERR360513	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E96-12081	ERR360514	N/A	4.1	unknown	unknown	Not provided	1996	Africa	East Africa	Madagascar	unknown	unknown	Wong et al, 2015
E97-2307	ERR360515	N/A	3.3.2	unknown	unknown	Not provided	1997	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E99-1028	ERR360516	N/A	0.1	unknown	unknown	Not provided	1999	Africa	West Africa	Senegal	unknown	unknown	Wong et al, 2015
E02-0530	ERR360517	N/A	2.3.2	unknown	unknown	Not provided	2002	Africa	West Africa	Nigeria	unknown	unknown	Wong et al, 2015
E98-6926	ERR360518	N/A	4.1.1	unknown	unknown	Not provided	1998	Africa	West Africa	Mauritania	unknown	unknown	Wong et al, 2015

IPCC	ERR360519	N/A	2.3.1	unknown	unknown	Not provided	2002	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
IPCG	ERR360520	N/A	2.3.1	unknown	unknown	Not provided	2003	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E01-8716	ERR360521	N/A	3	unknown	unknown	Not provided	2001	Asia	South Asia	Sri Lanka	unknown	unknown	Wong et al, 2015
E99-7012	ERR360522	N/A	3.1	unknown	unknown	Not provided	1999	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
Sep-32	ERR360523	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	West Africa	Mauritania	unknown	unknown	Wong et al, 2015
IPCO	ERR360524	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
Jun-73	ERR360525	N/A	3.1.1	unknown	unknown	Not provided	2006	Africa	West Africa	Ivory Coast	unknown	unknown	Wong et al, 2015
Jul-20	ERR360526	N/A	4.3.1.1	unknown	unknown	Not provided	2007	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
Jun-55	ERR360527	N/A	3.1.1	unknown	unknown	Not provided	2006	Africa	West Africa	Burkina Faso	unknown	unknown	Wong et al, 2015
E03-6418	ERR360528	N/A	4.3.1.3	unknown	unknown	Not provided	2003	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
Sep-13	ERR360529	N/A	3.1.1	unknown	unknown	Not provided	2009	Europe	Western Europe	France (mother-child, African name)	unknown	unknown	Wong et al, 2015
Sep-93	ERR360530	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	West Africa	Nigeria	unknown	unknown	Wong et al, 2015
E00-3459	ERR360614	N/A	2.2	unknown	unknown	Not provided	2000	Africa	East Africa	Madagascar	unknown	unknown	Wong et al, 2015
72-1258	ERR360615	N/A	2.3.2	unknown	unknown	Not provided	1972	North America	North America	Mexico	unknown	unknown	Wong et al, 2015
IPCK	ERR360616	N/A	2.3.1	unknown	unknown	Not provided	2004	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E00-2388	ERR360617	N/A	2.5	unknown	unknown	Not provided	2000	Africa	North Africa	Egypt	unknown	unknown	Wong et al, 2015
E00-2756	ERR360618	N/A	2	unknown	unknown	Not provided	2000	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
E00-3370	ERR360619	N/A	0.1	unknown	unknown	Not provided	2000	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
E02-0945	ERR360620	N/A	2.3.1	unknown	unknown	Not provided	2002	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
04-0339	ERR360621	N/A	3.1.1	unknown	unknown	Not provided	2004	Africa	West Africa	Togo	unknown	unknown	Wong et al, 2015
E99-6785	ERR360622	N/A	0.1	unknown	unknown	Not provided	1999	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
E02-2159	ERR360623	N/A	4.3.1.2	unknown	unknown	Not provided	2002	Asia	South Asia	SriLanka	unknown	unknown	Wong et al, 2015
E02-1687	ERR360624	N/A	2.3.2	unknown	unknown	Not provided	2002	Asia	Southeast Asia	Thailand	unknown	unknown	Wong et al, 2015
Sep-92	ERR360625	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	Africa	Africa	unknown	unknown	Wong et al, 2015
E99-9082	ERR360626	N/A	2.3.2	unknown	unknown	Not provided	1999	Africa	West Africa	Niger	unknown	unknown	Wong et al, 2015
May-83	ERR360627	N/A	1.1.1	unknown	unknown	Not provided	2005	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
Jul-08	ERR360628	N/A	2.3.1	unknown	unknown	Not provided	2007	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
69-61	ERR360629	N/A	3.1	unknown	unknown	Not provided	1961	Africa	North Africa	Tunisia	unknown	unknown	Wong et al, 2015
Apr-67	ERR360630	N/A	3.1.1	unknown	unknown	Not provided	2004	Africa	West Africa	Benin	unknown	unknown	Wong et al, 2015
E02-5919	ERR360631	N/A	3.1	unknown	unknown	Not provided	2002	Asia	East Asia	China	unknown	unknown	Wong et al, 2015
06-1510	ERR360632	N/A	3.1.1	unknown	unknown	Not provided	2006	Africa	West Africa	Burkina Faso	unknown	unknown	Wong et al, 2015
Jul-94	ERR360633	N/A	3.1.1	unknown	unknown	Not provided	2007	Africa	West Africa	Ivory Coast	unknown	unknown	Wong et al, 2015
14-58	ERR360634	N/A	2.3.1	unknown	unknown	Not provided	1958	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E01-1811	ERR360635	N/A	2.2	unknown	unknown	Not provided	2001	Africa	West Africa	Mali	unknown	unknown	Wong et al, 2015
IPCE	ERR360636	N/A	2.3.1	unknown	unknown	Not provided	2002	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E99-2862	ERR360637	N/A	2.2	unknown	unknown	Not provided	1999	Africa	North Africa	Egypt	unknown	unknown	Wong et al, 2015
E00-9345	ERR360639	N/A	4.3.1.2	unknown	unknown	Not provided	2000	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
Apr-20	ERR360640	N/A	2.3.1	unknown	unknown	Not provided	2004	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
Sep-74	ERR360641	N/A	3.1.1	unknown	unknown	Not provided	2009	Africa	West Africa	Benin	unknown	unknown	Wong et al, 2015
76-1406	ERR360642	N/A	3.2.1	unknown	unknown	Blood	1976	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
E02-1739	ERR360643	N/A	3.1.1	unknown	unknown	Not provided	2002	Africa	West Africa	Benin	unknown	unknown	Wong et al, 2015
Dec-58	ERR360644	N/A	0.1.1	unknown	unknown	Not provided	1958	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
Sep-19	ERR360645	N/A	3.1.1	unknown	unknown	Not provided	2009	Europe	Western Europe	France (African meal)	unknown	unknown	Wong et al, 2015
May-83	ERR360646	N/A	2.5.1	unknown	unknown	Not provided	2005	Africa	Central Africa	Angola	unknown	unknown	Wong et al, 2015

IPCI	ERR360647	N/A	2.3.1	unknown	unknown	Not provided	2004	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
IPCL	ERR360648	N/A	2.3.1	unknown	unknown	Not provided	2004	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
72-1907	ERR360649	N/A	3.4	unknown	unknown	Not provided	1972	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
E00-6999	ERR360650	N/A	2.3.3	unknown	unknown	Not provided	2000	South America	South America	Peru	unknown	unknown	Wong et al, 2015
06-467	ERR360651	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E02-0232	ERR360652	N/A	2.5	unknown	unknown	Not provided	2002	South America	South America	French Guiana	unknown	unknown	Wong et al, 2015
E97-9141	ERR360653	N/A	2.3.2	unknown	unknown	Not provided	1997	Asia	Western Asia	Turkey	unknown	unknown	Wong et al, 2015
E00-6599	ERR360654	N/A	3.3.1	unknown	unknown	Not provided	2000	Africa	West Africa	Cape Verde	unknown	unknown	Wong et al, 2015
IPCA	ERR360655	N/A	0.0.1	unknown	unknown	Not provided	2000	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E00-7878	ERR360656	N/A	2	unknown	unknown	Not provided	2000	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
E98-8120	ERR360657	N/A	0.0.1	unknown	unknown	Not provided	1998	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E00-7463	ERR360658	N/A	3.0.1	unknown	unknown	Not provided	2000	Africa	North Africa	Morocco	unknown	unknown	Wong et al, 2015
E99-6478	ERR360659	N/A	3.1	unknown	unknown	Not provided	1999	Africa	West Africa	Guinea	unknown	unknown	Wong et al, 2015
IPCR	ERR360660	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
73-1102	ERR360661	N/A	4.1	unknown	unknown	Not provided	1973	Asia	Southeast Asia	Vietnam	unknown	unknown	Wong et al, 2015
E00-5869	ERR360662	N/A	2.3.3	unknown	unknown	Not provided	2000	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2015
IPCT	ERR360663	N/A	2.3.1	unknown	unknown	Not provided	2007	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E02-2612	ERR360664	N/A	2.2	unknown	unknown	Not provided	2002	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
IPCQ	ERR360665	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
07-291	ERR360666	N/A	2.3.1	unknown	unknown	Not provided	2007	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E99-5920	ERR360667	N/A	2.0.2	unknown	unknown	Not provided	1999	Africa	North Africa	Tunisia	unknown	unknown	Wong et al, 2015
E99-8067	ERR360668	N/A	0.1.2	unknown	unknown	Not provided	1999	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
07-702	ERR360669	N/A	2.3.1	unknown	unknown	Not provided	2007	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
08-10571	ERR360670	N/A	3.1.1	unknown	unknown	Not provided	2008	Africa	West Africa	Mali	unknown	unknown	Wong et al, 2015
Apr-45	ERR360671	N/A	3.1.1	unknown	unknown	Not provided	2004	Africa	West Africa	Benin	unknown	unknown	Wong et al, 2015
E00-3201	ERR360672	N/A	2.3.2	unknown	unknown	Not provided	2000	Africa	West Africa	Mali	unknown	unknown	Wong et al, 2015
E01-0407	ERR360673	N/A	4.1	unknown	unknown	Not provided	2001	Asia	Western Asia	Turkey	unknown	unknown	Wong et al, 2015
IPCP	ERR360674	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
06-1513	ERR360675	N/A	3.1.1	unknown	unknown	Not provided	2006	Africa	West Africa	Burkina Faso	unknown	unknown	Wong et al, 2015
Sep-77	ERR360676	N/A	0.1	unknown	unknown	Not provided	2009	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
Aug-14	ERR360677	N/A	2.5.1	unknown	unknown	Blood	2008	Africa	Central Africa	DRC	unknown	unknown	Wong et al, 2015
07-977	ERR360678	N/A	2.5.1	unknown	unknown	Not provided	2007	Africa	Central Africa	CAR	unknown	unknown	Wong et al, 2015
Jun-29	ERR360679	N/A	2.3.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E02-1536	ERR360680	N/A	2.5	unknown	unknown	Not provided	2002	South America	South America	French Guiana	unknown	unknown	Wong et al, 2015
E02-0937	ERR360681	N/A	2.5	unknown	unknown	Not provided	2002	Africa	East Africa	Comoros	unknown	unknown	Wong et al, 2015
Jun-90	ERR360682	N/A	3.1.1	unknown	unknown	Not provided	2006	Africa	West Africa	Togo	unknown	unknown	Wong et al, 2015
Q0904130	ERR360685	N/A	2.5.1	unknown	unknown	Not provided	2006	Africa	Central Africa	CAR	unknown	unknown	Wong et al, 2015
Aug-27	ERR360686	N/A	3.1.1	unknown	unknown	Not provided	2008	Africa	West Africa	Ivory Coast	unknown	unknown	Wong et al, 2015
Sep-97	ERR360687	N/A	3.1.1	unknown	unknown	Not provided	2009	Europe	Western Europe	France (African meal)	unknown	unknown	Wong et al, 2015
E99-8095	ERR360688	N/A	4.1	unknown	unknown	Not provided	1999	Africa	North Africa	Algeria	unknown	unknown	Wong et al, 2015
IPCS	ERR360689	N/A	4.1.1	unknown	unknown	Not provided	2006	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
IPCN	ERR360690	N/A	3.1.1	unknown	unknown	Not provided	2005	Africa	Central Africa	Cameroon	unknown	unknown	Wong et al, 2015
E01-7006	ERR360691	N/A	4.1	unknown	unknown	Not provided	2001	Asia	Western Asia	Lebanon	unknown	unknown	Wong et al, 2015
E01-7101	ERR360692	N/A	2.3.2	unknown	unknown	Not provided	2001	Africa	West Africa	Togo	unknown	unknown	Wong et al, 2015
Aug-02	ERR360693	N/A	4.3.1.1	unknown	unknown	Not provided	2008	Asia	Western Asia	Palestine	unknown	unknown	Wong et al, 2015

E00-7666	ERR360694	N/A	3.1	unknown	unknown	Not provided	2000	Africa	North Africa	Tunisia	unknown	unknown	Wong et al, 2015
E01-5741	ERR360695	N/A	1.1.3	unknown	unknown	Not provided	2001	Africa	Central Africa	Angola	unknown	unknown	Wong et al, 2015
E00-6172	ERR360696	N/A	3.5	unknown	unknown	Blood	2000	Asia	Southeast Asia	Indonesia	unknown	unknown	Wong et al, 2015
2003-013044	ERR360738	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-006720	ERR360739	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-007824	ERR360740	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-010439	ERR360741	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-011433	ERR360742	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2005-005326	ERR360743	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-019983	ERR360744	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-020666	ERR360745	N/A	4.3.1.1	unknown	unknown	Thigh pus	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2003-011175	ERR360746	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2010-002168	ERR360747	N/A	3.4	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2010-012339	ERR360748	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-008387	ERR360754	N/A	4.3.1.1	unknown	unknown	Pleural fluid	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-002088	ERR360755	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
01-2010-000934	ERR360756	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-007188	ERR360758	N/A	4.3.1.1	unknown	unknown	Gallbladder fluid	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2002-214318	ERR360759	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-008491	ERR360760	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2010-006459	ERR360761	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2002-205957	ERR360762	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2007-017523	ERR360763	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-009404	ERR360765	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-004677	ERR360766	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-015914	ERR360769	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-017747	ERR360770	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-017563	ERR360771	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-019378	ERR360772	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-019409	ERR360773	N/A	4.3.1.1	unknown	unknown	Hip joint pus	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
01-2011-005712	ERR360774	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-010218	ERR360775	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-011302	ERR360776	N/A	4.3.1.1	unknown	unknown	Stool	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-011333	ERR360777	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2010-011024	ERR360778	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-019645	ERR360779	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-019909	ERR360780	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-011344	ERR360781	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-011089	ERR360782	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-010551	ERR360783	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-010616	ERR360785	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
01-2010-000073	ERR360786	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-011809	ERR360787	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-010204	ERR360788	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2005-012355	ERR360789	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015

2012-015100	ERR360791	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-017695	ERR360792	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
1035759	ERR360793	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4CF	ERR360794	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A57501	ERR360795	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A58372	ERR360796	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1005624	ERR360797	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1003108	ERR360798	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ22S	ERR360799	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1004971	ERR360800	N/A	2.4.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1006099	ERR360801	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1003117	ERR360802	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ1GA	ERR360803	N/A	4.1.1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1007000	ERR360804	N/A	2.2.2	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BHA1P5	ERR360805	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ2KZ	ERR360806	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4SJ	ERR360807	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4NZ	ERR360809	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ2H5	ERR360810	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BHA2HH	ERR360811	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1003078	ERR360812	N/A	4.3.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D56675	ERR360813	N/A	2.4.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A59204	ERR360814	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BHA2QL	ERR360815	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4H1	ERR360816	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1038377	ERR360817	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1037921	ERR360818	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4E3	ERR360819	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D55055	ERR360820	N/A	2.2	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D56393	ERR360821	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A58452	ERR360822	N/A	3.3.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A59217	ERR360824	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A58450	ERR360825	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
D54782	ERR360826	N/A	2.4.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4JU	ERR360827	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1036491	ERR360828	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
1036143	ERR360829	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2012	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
BKQ4D9	ERR360830	N/A	4.3.1.1.EA1	unknown	unknown	Blood	2013	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A58390	ERR360832	N/A	4.3.1.2	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
A59307	ERR360833	N/A	4.1.1	unknown	unknown	Blood	2010	Africa	Southern Africa	Malawi	unknown	unknown	Wong et al, 2015
2010-013700	ERR360845	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2004-007692	ERR360846	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-000234	ERR360847	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2009-017391	ERR360848	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2008-003275	ERR360889	N/A	4.3.1.1	unknown	unknown	Blood	2008	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015

2012-019308	ERR360997	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-020127	ERR360998	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2011-008969	ERR360999	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
2012-022646	ERR361000	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	Southeast Asia	Cambodia	unknown	unknown	Wong et al, 2015
BCR43	ERR420413	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR48	ERR420414	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR49	ERR420415	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR52	ERR420416	N/A	2.2.1	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR62	ERR420417	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR89	ERR420418	N/A	2.2.1	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR108	ERR420420	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR110	ERR420421	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR162	ERR420422	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR170	ERR420423	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR175	ERR420424	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR177	ERR420425	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR191	ERR420426	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR211	ERR420427	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
BCR232	ERR420428	N/A	2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP2	ERR420429	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP9	ERR420430	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP11	ERR420431	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP47	ERR420432	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP66	ERR420433	N/A	3.3.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
SP80	ERR420434	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2015
H09176224	ERR422751	N/A	4.3.1.2	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H09188293	ERR422752	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H0920834	ERR422754	N/A	3.3.2.Bd1	unknown	unknown	Blood	2009	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H09266336	ERR422757	N/A	4.3.1	unknown	unknown	Blood	2009	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H09354568	ERR422759	N/A	4.3.1.1	unknown	unknown	Blood	2009	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10044399	ERR422762	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10046338	ERR422764	N/A	4.3.1.3	unknown	unknown	Blood	2010	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H10048267	ERR422765	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10084431	ERR422766	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10090344	ERR422767	N/A	3.3.2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh, India	unknown	unknown	Wong et al, 2016
H10092333	ERR422768	N/A	3.3.2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh, India	unknown	unknown	Wong et al, 2016
H10100338	ERR422769	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10106250	ERR422770	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10108318	ERR422771	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H1011698	ERR422772	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10122493	ERR422773	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10134171	ERR422774	N/A	3.3.2.Bd2	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10148201	ERR422775	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H1015074	ERR422776	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10182335	ERR422778	N/A	3.3.1	unknown	unknown	Blood	2010	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016

H10184197	ERR422780	N/A	4.3.1	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10202409	ERR422781	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H10294193	ERR422787	N/A	4.3.1.2	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10310204	ERR422788	N/A	2.3.3	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10334602	ERR422790	N/A	2.1.7	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10340496	ERR422792	N/A	2.1.7	unknown	unknown	Blood	2010	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H10382491	ERR422796	N/A	4.3.1	unknown	unknown	Blood	2010	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H10394694	ERR422798	N/A	4.3.1	unknown	unknown	Blood	2010	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H10432531	ERR422800	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H10462591	ERR422801	N/A	4.3.1.1	unknown	unknown	Blood	2010	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11044442	ERR422803	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H11054345	ERR422804	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H11096403	ERR422805	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H11150244	ERR422807	N/A	4.3.1.3	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11194353	ERR422810	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11244554	ERR422811	N/A	2.3.3	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11254619	ERR422812	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11344588	ERR422813	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11354680	ERR422814	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H11372597	ERR422815	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11372598	ERR422816	N/A	4.3.1	unknown	unknown	Blood	2011	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H11374579	ERR422817	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H11388492	ERR422818	N/A	4.3.1.2	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11420359	ERR422819	N/A	4.3.1	unknown	unknown	Blood	2011	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H11424491	ERR422820	N/A	3.2.2	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H11436323	ERR422822	N/A	3.3.2.Bd1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H12014687	ERR422824	N/A	4.3.1.1	unknown	unknown	Blood	2011	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H12054632	ERR422826	N/A	4.3.1.3.Bdq	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H121541053	ERR422828	N/A	4.3.1	unknown	unknown	Blood	2012	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H12164448	ERR422829	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H12200559	ERR422830	N/A	2.0.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H12276630	ERR422831	N/A	4.3.1.1	unknown	unknown	Blood	2012	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H12282824	ERR422832	N/A	3.2.2	unknown	unknown	Blood	2012	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H12382595	ERR422833	N/A	4.3.1	unknown	unknown	Blood	2012	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H12414817	ERR422834	N/A	4.3.1	unknown	unknown	Blood	2012	Asia	South Asia	Pakistan	unknown	unknown	Wong et al, 2016
H05196408	ERR485127	N/A	4.3.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H05212226	ERR485129	N/A	4.3.1	unknown	unknown	Blood	2005	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06136379	ERR485132	N/A	4.3.1.3	unknown	unknown	Blood	2006	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06136380	ERR485133	N/A	4.3.1.3	unknown	unknown	Blood	2006	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016
H06414500	ERR485138	N/A	4.3.1.1	unknown	unknown	Blood	2006	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H06448472	ERR485139	N/A	4.1	unknown	unknown	Blood	2006	Asia	South Asia	India	unknown	unknown	Wong et al, 2016
H07188291	ERR485140	N/A	3.3.2.Bd2	unknown	unknown	Blood	2007	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H08248234	ERR485145	N/A	3.3.2.Bd2	unknown	unknown	Blood	2008	Asia	South Asia	Bangladesh	unknown	unknown	Wong et al, 2016
H09176223	ERR485147	N/A	3.3.2.Bd2	unknown	unknown	Blood	2009	Unknown	Unknown	Unknown	unknown	unknown	Wong et al, 2016

Table 1 citations: Mashe et al, 2021 (1), Wong et al, 2015 (2), Wong et al, 2016 (3), Ingle et al, 2019 (4)

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