

Supplemental Table S1 Description of samples used in the study, their sequencing and assembly statistics.

Sample ID	Year	Host	Passage Species	Country	Location	Number of reads	n50
IL1180	1961	Lion	Mouse	Tanzania	Serengeti	1.16E+07	207
IL2068	1971	unknown	Mouse	Tanzania	Serengeti	6.80E+05	1977
IL2281	1979	Cattle	Mice	Nigeria	Zaria	1.33E+07	1075
IL2326	1962	Cattle	Mice	Uganda	Uganda	8.18E+05	1599
IL274	1976	Dog	Mice	Kenya	Kabete	2.19E+06	611
IL2992	1966	Cattle	Mice	Kenya	Transmara	2.14E+06	1114
IL2995	1983	Cattle	Rat	Burkina Faso	Bobo Upper Delta	2.91E+06	223
IL3019	1966	Cattle	Mice	Kenya	Transmara	2.22E+06	1072
IL3021	1966	Cattle	Mice	Kenya	Transmara	1.87E+06	1089
IL3022	1966	Cattle	Mice	Kenya	Transmara	3.06E+06	633
IL3035	1985	Cattle	Mice	Kenya	Muhaka	2.26E+06	609
IL311	1979	Cattle	Rat	The Gambia	unknown	8.33E+05	3257
IL3180	1966	Cattle	Mice	Kenya	Transmara	1.57E+06	1550
IL3296	1972	Cattle	Mice	Tanzania	Robanda	1.68E+06	889
IL3304	1967	Cattle	Mice	Nigeria	Zaria	8.11E+05	397
IL3349	1966	Cattle	Mice	Kenya	Transmara	8.37E+05	993
IL3578	1983	Cattle	Rat	Burkina Faso	Bobo Upper Delta	6.83E+05	161
IL3674	1979	Cattle	Rat	The Gambia	unknown	3.37E+06	1113
IL3675	1979	Cattle	Rat	The Gambia	unknown	3.24E+06	1615
IL3686	1982	Lion	Mice	Kenya	Kenya	2.24E+06	190
IL3688	1982	Lion	Mice	Kenya	Kenya	2.86E+06	912
IL374	1976	Dog	Mice	Kenya	Kabete	1.63E+06	1217
IL3775	1966	Cattle	Rat	Kenya	Transmara	2.95E+06	1133
IL3779	1991	Tsetse fly	Mice	Kenya	Nguruman	6.19E+05	324
IL3897	1982	Cattle	Mice	Burkina Faso	Bobo Upper Delta	4.08E+06	528
IL3900	1980	Dog	Mice	Burkina Faso	Bobo Upper Delta	6.09E+06	314
IL3926	1980	Dog	Mice	Burkina Faso	Bobo Upper Delta	2.34E+06	235
IL3932	1992	Horse	Goat	Kenya	Delmonte	2.22E+06	930
IL3949	1972	Cattle	Cattle	Kenya	Taita	2.03E+06	665
IL3954	1967	Cattle	Mice	Nigeria	Zaria	4.90E+06	271
IL396	1976	Dog	Mice	Kenya	Nairobi	4.05E+06	736
IL3978	1992	Cattle	Mice	unknown	unknown	5.53E+06	511
IL399	1976	Dog	Mice	Kenya	Kabete	2.97E+06	741
IL409	1976	Dog	Mice	Kenya	Kabete	4.75E+06	361
IL410	1976	Dog	Mice	Kenya	Kabete	2.18E+06	955
IL438	1976	Dog	Mice	Kenya	Kabete	9.49E+05	418
IL439	1976	Dog	Mice	Kenya	Kabete	3.08E+06	727
IL588	1962	Cattle	Mice	Uganda	Uganda	6.88E+05	674
ILC22	1970	Cattle	Rat	Tanzania	Serengeti	3.58E+06	730
ILC55	1976	Dog	Mice	Kenya	Kabete	9.49E+05	454
ILC66	1976	Dog	Mice	Kenya	Kabete	3.72E+06	366