

*Supplementary Table 1*: *P. falciparum* genomic data from the MalariaGEN repository

<b>Name</b>	<b>Origin</b>
FG_SRR2098570	South America
FG_SRR2098613	South America
FG_SRR2098662	South America
FG_SRR2098781	South America
FG_SRR2098782	South America
FG_SRR2098911	South America
Gamb_ERS009726	West Africa
Gamb_ERS009782	West Africa
Gamb_ERS009966	West Africa
Gamb_ERS010038	West Africa
Gamb_ERS010039	West Africa
Gamb_ERS010040	West Africa
Gamb_ERS010041	West Africa
Ghan_ERS188107	West Africa
Ghan_ERS188114	West Africa
Ghan_ERS193645	West Africa
Ghan_ERS193655	West Africa
Ghan_ERS193670	West Africa
Ghan_ERS193675	West Africa
Ghan_ERS224913	West Africa
Ghan_ERS246744	West Africa
Ghan_ERS246765	West Africa
Ghan_ERS346749	West Africa
Ghan_ERS346792	West Africa
Ghan_ERS360498	West Africa
Ghan_ERS360506	West Africa
Ghan_ERS360514	West Africa
Ghan_ERS360530	West Africa
Ghan_ERS360538	West Africa
Ghan_ERS360546	West Africa
Ghan_ERS360554	West Africa
Ghan_ERS360562	West Africa
Guin_ERS041968	West Africa
Guin_ERS041970	West Africa
Guin_ERS041972	West Africa
Guin_ERS041974	West Africa
Guin_ERS041976	West Africa
Guin_ERS042038	West Africa
Guin_ERS042050	West Africa
Guin_ERS042054	West Africa
Guin_ERS042057	West Africa
Guin_ERS042074	West Africa
Guin_ERS042077	West Africa
Guin_ERS042079	West Africa
Guin_ERS042083	West Africa
Laos_ERS174588	South East Asia
Laos_ERS174592	South East Asia
Laos_ERS174599	South East Asia

Laos_ERS174602	South East Asia
Laos_ERS174613	South East Asia
Laos_ERS174614	South East Asia
Mawi_ERS164642	East Africa
Mawi_ERS164686	East Africa
Mawi_ERS168594	East Africa
Mawi_ERS168596	East Africa
Nige_ERS199640	West Africa
Nige_ERS199645	West Africa
Nige_ERS199650	West Africa
Nige_ERS347697	West Africa
OD003-H0	OD Benin
OD005-H0	OD Benin
OD005-H18	OD Benin
OD013-H0	OD Benin
OD014-H0	OD Benin
OD017-H0	OD Benin
OD017-H18	OD Benin
OD018-H0	OD Benin
OD019-H0	OD Benin
OD021-H0	OD Benin
OD022-H0	OD Benin
OD022-H18	OD Benin
OD024-H0	OD Benin
OD025-H0	OD Benin
OD025-H18	OD Benin
OD026-H0	OD Benin
OD027-H0	OD Benin
OD027-H18	OD Benin
OD029-H0	OD Benin
OD029-H18	OD Benin
OD031-H0	OD Benin
Tanz_SRR530499	East Africa
Tanz_SRR629051	East Africa
Tanz_SRR629053	East Africa
Tanz_SRR629071	East Africa
Tanz_SRR629074	East Africa
Viet_ERS142875	South East Asia
Viet_ERS143424	South East Asia
Viet_ERS143469	South East Asia
Viet_ERS143471	South East Asia
Viet_ERS143473	South East Asia
Viet_ERS143497	South East Asia