Haematologica HAEMATOL/2018/199596 Version 4

The population dynamics of haemoglobins A, A₂, F and S in the context of the haemoglobinopathies HbS and α+thalassaemia in Kenyan infants

Alex W Macharia, Sophie Uyoga, Carolyne Ndila, Gideon Nyutu, Johnstone Makale, Metrine Tendwa, Emily Nyatichi, John Ojal, Sarah Atkinson, and Thomas N Williams

Disclosures: None

Contributions: AWM conducted the laboratory analyses, conducted the statistical analyses, wrote the first draft of the paper and edited the submitted version; SU, JM, MT and EN contributed to sample processing and analysis; CN and GN were responsible for data management and TNW conceived the study, contributed to data interpretation and was responsible for final submission. All authors commented on earlier versions of the manuscript including data interpretation.