**S2 Table. Bioinformatics-related peer-reviewed journal articles published by scientists from Ghana (2004 – 2014)a,b**

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| Year | Article Title | Authors | Citation | PubMed ID | PubMed weblink | Journal weblink |
| 2004 | Allelic dimorphism of the erythrocyte binding antigen-175 (eba-175) gene of Plasmodium falciparum and severe malaria: Significant association of the C-segment with fatal outcome in Ghanaian children. | Cramer JP, Mockenhaupt FP, Möhl I, Dittrich S, Dietz E, Otchwemah RN, Ehrhardt S, Bienzle U, Jelinek T | Malar J 3: 11. | 15140262 | <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC420250/> | <http://www.malariajournal.com/content/3/1/11> |
|  | Molecular epidemiology of HIV in Ghana: dominance of CRF02\_AG. | Fischetti L, Opare-Sem O, Candotti D, Sarkodie F, Lee H, Allain JP | J Med Virol 73:158–166. | 15122787 | <http://www.ncbi.nlm.nih.gov/pubmed/15122787> | <http://onlinelibrary.wiley.com/doi/10.1002/jmv.20070/abstract> |
|  | Genetic diversity of the shea tree (*Vitellaria paradoxa C.F. Gaertn*), detected by RAPD and chloroplast microsatellite markers. | Fontaine C, Lovett PN, Sanou H, Maley J, Bouvet J-M | Heredity (Edinb) 2004, 93:639–648. | 15354195 | <http://www.ncbi.nlm.nih.gov/pubmed/15354195> | <http://www.nature.com/hdy/journal/v93/n6/full/6800591a.html> |
|  | Allelic polymorphisms in the repeat and promoter regions of the interleukin-4 gene and malaria severity in Ghanaian children. | Gyan BA, Goka B, Cvetkovic JT, Kurtzhals JL, Adabayeri V, Perlmann H, Lefvert A-K, Akanmori BD, Troye-Blomberg M | Clin Exp Immunol 2004, 138:145–150. | 15373917 | <http://www.ncbi.nlm.nih.gov/pubmed/15373917> | <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2249.2004.02590.x/abstract> |
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|  | A genome-wide search for type 2 diabetes susceptibility genes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. | Rotimi CN, Chen G, Adeyemo AA, Furbert-Harris P, Parish-Gause D, Zhou J, Berg K, Adegoke O, Amoah A, Owusu S, Acheampong J, Agyenim-Boateng K, Eghan BA Jr, Oli J, Okafor G, Ofoegbu E, Osotimehin B, Abbiyesuku F, Johnson T, Rufus T, Fasanmade O, Kittles R, Daniel H, Chen Y, Dunston G, Collins FS, Guass D, Africa America Diabetes Mellitus (AADM) Study | Diabetes 53:838–841. | 14988271 | <http://www.ncbi.nlm.nih.gov/pubmed/14988271> | <http://diabetes.diabetesjournals.org/content/53/3/838.long> |
|  | A novel I247T missense mutation in the haptoglobin 2 beta-chain decreases the expression of the protein and is associated with ahaptoglobinemia. | Teye K, Quaye IKE, Koda Y, Soejima M, Pang H, Tsuneoka M, Amoah AGB, Adjei A, Kimura H | Hum Genet 114:499–502. | 14999562 | <http://www.ncbi.nlm.nih.gov/pubmed/14999562> | <http://link.springer.com/article/10.1007%2Fs00439-004-1098-6> |
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aThe definition of “bioinformatics techniques” in this article followed that of: Luscombe NM, Greenbaum D, Gerstein M: What is bioinformatics? A proposed definition and overview of the field. *Methods Inf Med* 2001, 40:346–358.

bRefer to the main text for article inclusion criteria.