

GENETICS

# HAPMAP

21.03.2022

I find it increasingly difficult to get the haplotype structure of a given gene. While there are [patches to the human genome](#) at UCSC, this isn't the same like good old hapmap.org by the [HapMap consortium that has been retired](#) back in 2016.

A recent computer security audit has revealed security flaws in the legacy HapMap site that require NCBI to take it down immediately. We regret the inconvenience, but we are required to do this. That said, NCBI was planning to decommission this site in the near future anyway (although not quite so suddenly), as the 1,000 genomes (1KG) project has established itself as a research standard for population genetics and genomics. NCBI has observed a decline in usage of the HapMap dataset and website with its available resources over the past five years and it has come to the end of its useful life.

It seems that also its successor, [the 1000 genomes](#), will be retired during the next month. Unfortunately, the phasing server [in Michigan](#) does not allow any login for whatever reason, UK biobank is too expensive so haplotypes basically vanished in the nirvana.

Description	Tier 1	Tier 2	Tier 3
<b>Core data</b> • Questionnaires and physical measurements • Linked health data • Health Outcome phenotypes • Web-based questionnaires	✓	✓	✓
<b>Assay data and enhanced measures *</b> • Biochemical and haematological assays • Measured and imputed genotypes • Other platform based assays • Other enhancements		✓	✓
<b>Very large datasets</b> • Imaging data ** • Whole genome sequence data • Other large-scale assay data • Whole exome sequence data			✓ <small>Via platform only</small>
<b>First 3 years - access to data with scheduled updates</b>	£3,000	£6,000 (+£3,000 vs Tier 1)	£9,000 (+£3,000 vs Tier 2)
<b>Additional Institution fee - each additional institution added to an application</b>	£1,000 for first 3 years (£500 p.a. extension)		
<b>Low &amp; Middle Income Countries and Student Researchers *** - access to all datasets via the Research Analysis Platform (full fees apply to downloaded data)</b>	£500 for first 3 years (£175 p.a. extension)		