

HUMAN BIOMETRIOME LIBRARY

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The biometriome library is a searchable semantic wiki intended to serve as a repository for human genetic traits of investigative value for the purposes of information data basing in areas of law enforcement, military, and intelligence. These traits include physical features (such as coloration), ethnicity, anthropometry, and ancestral origin. The purpose is to link DNA data, such as SNPs, indels, mutations, and copy-number variants, with the features of interest. Biological mechanisms are preferred as evidence for genetic causes of phenotype, but statistical correlations/associations are also catalogued, relying on data from existing scientific literature. Exploiting DNA for intelligence investigations critically relies upon sorting through the burgeoning haystacks of genomics/genetics literature to find the relevant needles. The biometriome library is one resource that assists investigators and analysts by providing a searchable database of phenotypes and the genetic influence(s).