

University of Dundee

Genome-Wide Scan for Parent-of-Origin Effects in a sub-Saharan African Cohort With Nonsyndromic Cleft Lip and/or Cleft Palate (CL/P)

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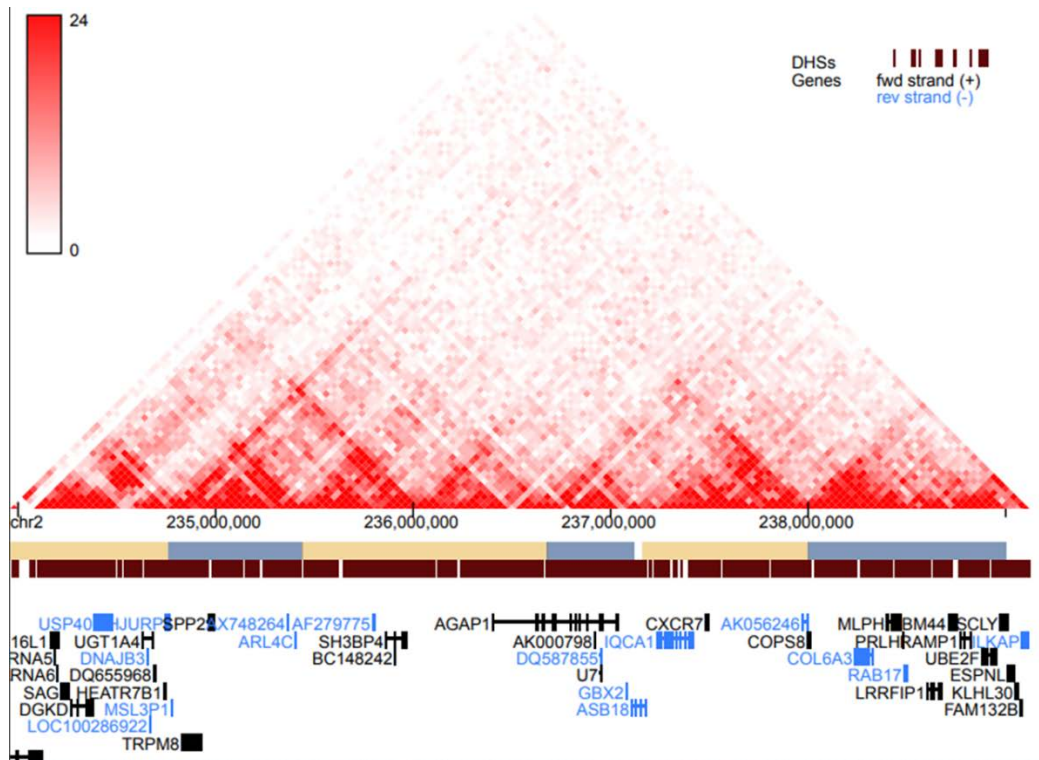


Figure 1: Topologically associated domains for *ASB18* and *AGAP1* genes. The figure was generated by inputting the SNP for each gene into the database at <http://promoter.bx.psu.edu/hi-c/view.php>.

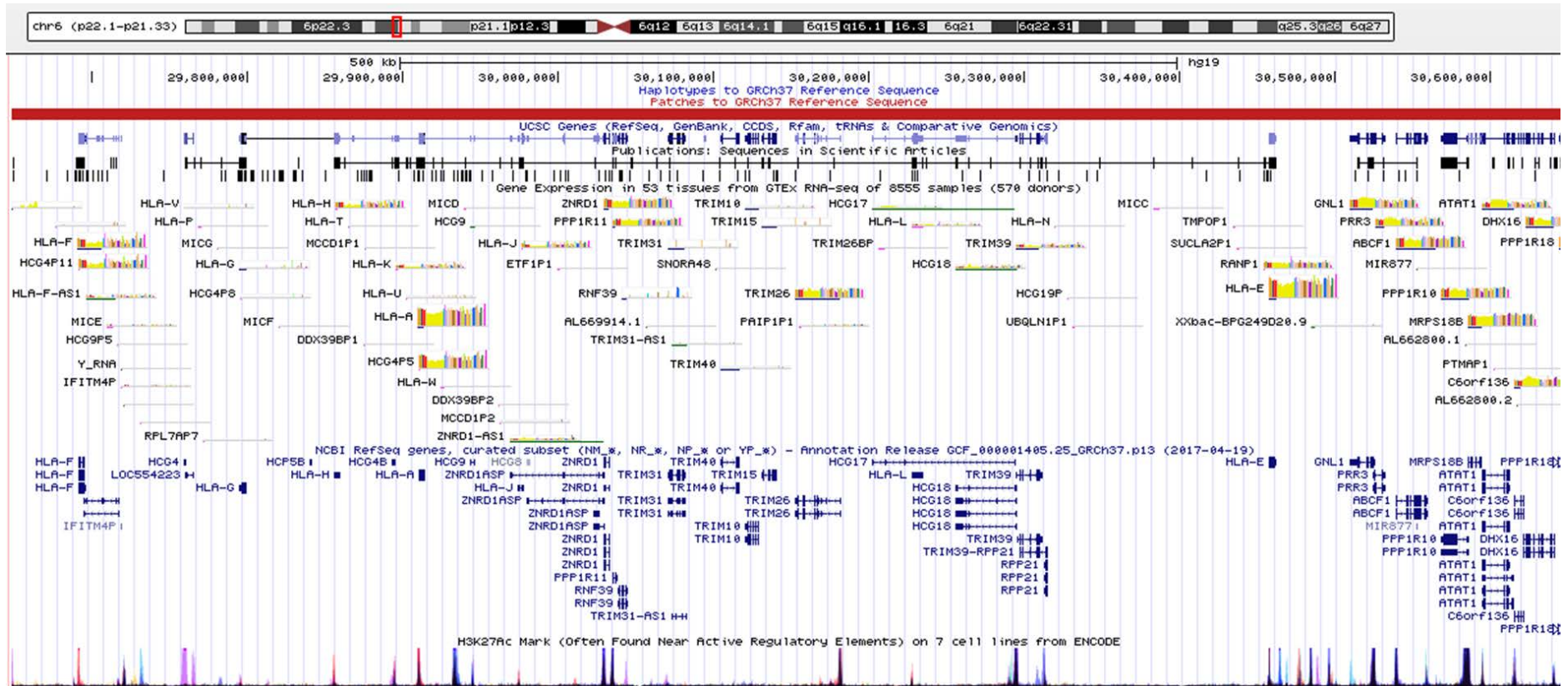


Figure 2: Hints of possible PoO effects within a genomic window localized to the major histocompatibility complex (MHC) class I region on chromosome 6. Many SNPs within or near genes such as *ZNRD1*, *ZNRDI-AS1*, *TRIM10*, *TRIM26*, *TRIM15*, *TRIM40*, *RNF39* and *HLA-G* gave a hint of possible maternal PoO effects. This figure was generated using the UCSC genome browser human genome build GRCh37/hg19 (www.genome.ucsc.edu).

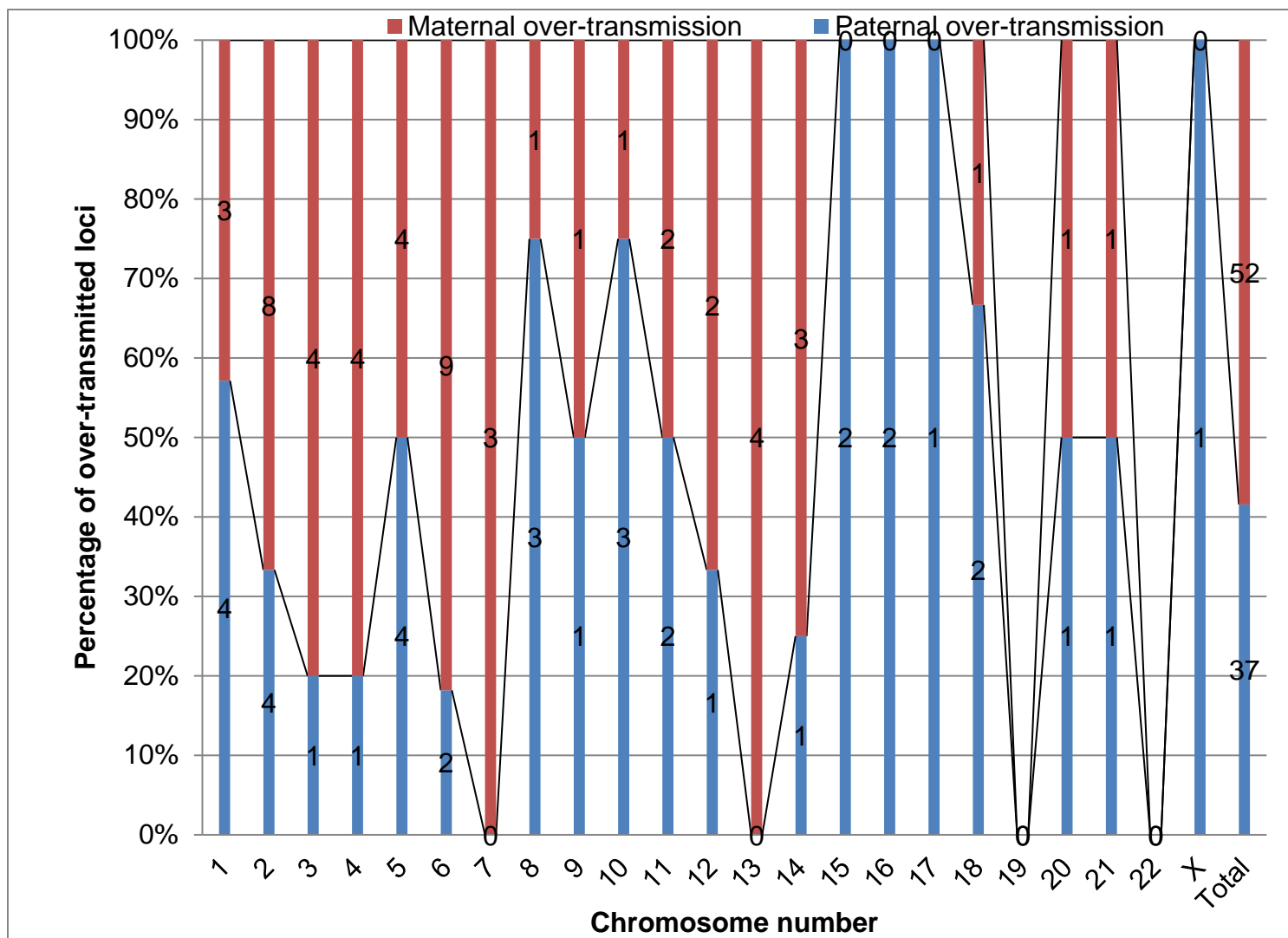


Figure 3: Distribution of probable paternal and maternal parent-of-origin effects on the various human chromosomes.