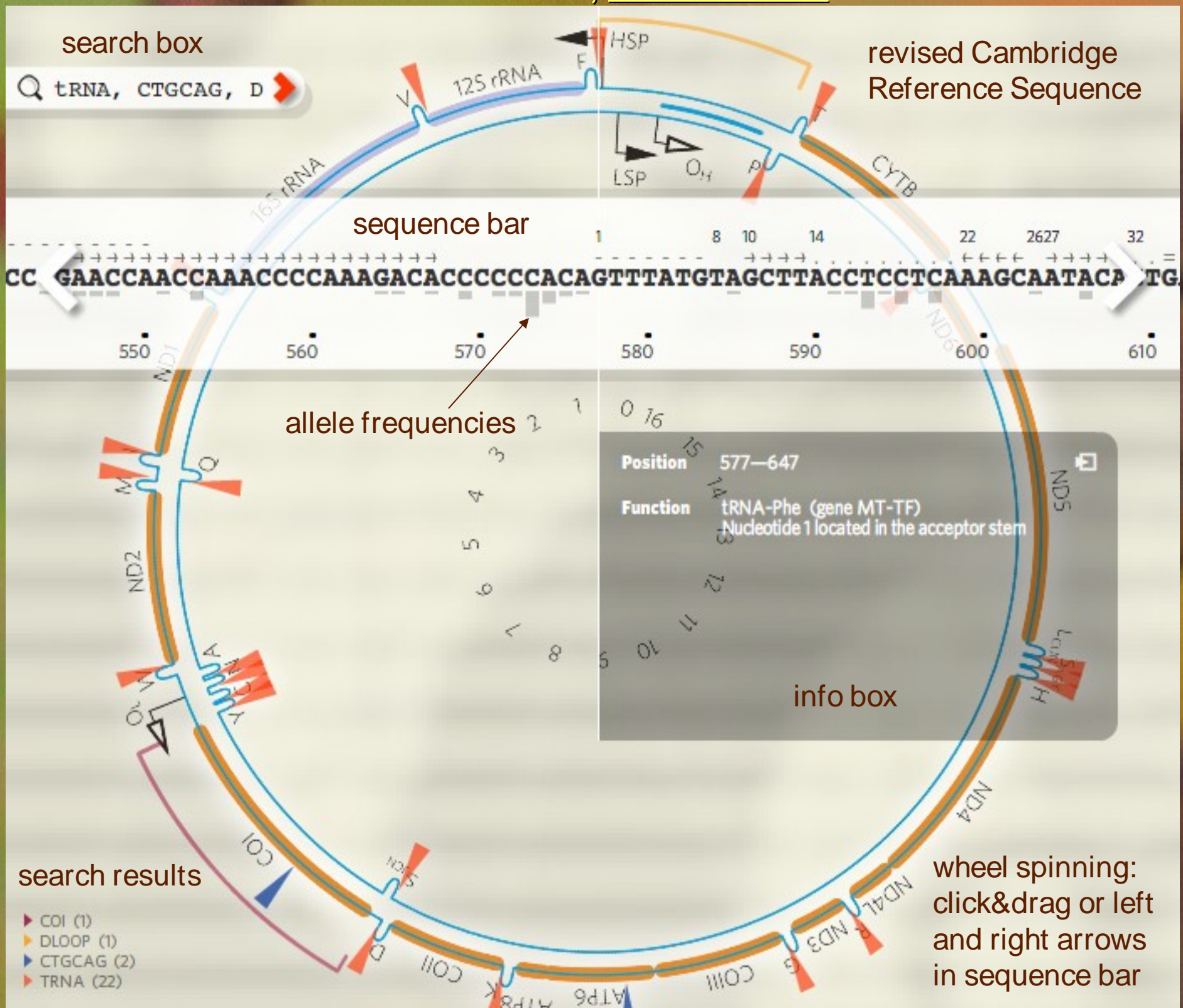


<http://mitowheel.org>

# Mitowheel, visualizing the human mitochondrial DNA

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**Problem:** non-intuitive, visually poor database queries in mitochondrial genomics

**Solution:** The circular, human mitochondrial DNA (16569 bp) molecule is represented with a wheel and by spinning this wheel users can quickly scan through, browse and identify the particular regions of interest.

**Features:** versatile search functions (position, sequence, nucleotides, mutations, genes, regions, GenBank seqs), allele frequencies, copy sequences to clipboard

**Team/Technology:** Gábor Zsurka (concept, programming, graphics), Attila Csordás (ideas, testing)/ Flash Professional 8/Actionscript

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