

Genome Trax™ Overview

Genome Trax enables you to identify human genome variations of functional significance by mapping your next generation sequencing (NGS) data to known elements such as disease mutations and regulatory sites.

Genome Trax™ Advantages & Benefits

- Prioritize mutations from whole exome or whole genome sequencing
- Uncover the impact of your human variants on disease risk, gene regulation and protein function
- Remove biologically irrelevant mutations
- Identify novel mutations
- Understand gene regulation changes in your variants by mapping novel mutations to known regulatory sites
- Find disease genes, drug targets, and pathways linked to your variations



Key Features

- 4,400+ regulatory sites
- 106,000+ disease linked mutations
- 63,000+ cancer mutations
- 1,000,000+ ChIP-Seq sites
- Disease biomarkers, drug targets, and pathway memberships
- Single nucleotide polymorphisms from dbSNP and Ensembl
- Post translational modifications
- Filtering and cross-comparison

BIOBASE
BIOLOGICAL DATABASES