

**C-1173**

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- Free online omics data mining resource
- Over 400 arthropod vectors, eukaryotic pathogens, and fungi supported
- Pre-analyzed omics data is coupled with advanced search capabilities, data visualization and custom analysis tools to facilitate hypothesis testing
- Discover meaningful biological relationships from large volumes of data
- Genome sequence and annotation, transcriptomics, proteomics, epigenomics, metabolomics, population resequencing, clinical data, surveillance data, host-pathogen interactions, and orthology profiles across all integrated organisms

## Gene pages

Add to basket 🛒 Add to favorites ⭐ Download Gene 🔽

# PF3D7\_1407800 plasmepsin IV

All available  
data for  
your gene  
on one page

**Name:** PM4  
**Type:** protein coding  
**Chromosome:** 14  
**Location:** PF3D7\_14\_v3:283,086..284,435(+)

**Species:** *Plasmodium falciparum*  
**Strain:** 3D7  
**Status:** Curated Reference Strain

View this gene at GeneDB  
 View 2 user comments, or add a comment 💬

**Shortcuts**

Syntry
BLAT Alignments
SNPs
Transcriptomics
Protein Features
Proteomics

Also see PF3D7\_1407800 in the [Genome Browser](#) or [Protein Browser](#)

⚙ Collapse all sections for better performance

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## 1 Gene models

# Exons in Gene 1

# Transcripts 1

▼ Gene Models

View in JBrowse genome browser

PF3D7\_1407800 <<

expand all | collapse all

Search section names... ▼

- > 1 Gene models ☒
- > 2 Annotation, curation and identifiers ☒
- > 3 Link outs ☒
- > 4 Genomic Location ☒
- > 5 Literature ☒
- > 6 Taxonomy ☒
- > 7 Orthology and synteny ☒
- > 8 Phenotype ☒
- > 9 Genetic variation ☒
- > 10 Transcriptomics ☒
- > 11 Sequence analysis ☒
- > 12 Sequences ☒
- > 13 Structure analysis ☒
- > 14 Protein features and properties ☒
- > 15 Function prediction ☒
- > 16 Pathways and interactions ☒
- > 17 Proteomics ☒
- > 18 Immunology ☒

expand all | collapse all

275,000 287,500

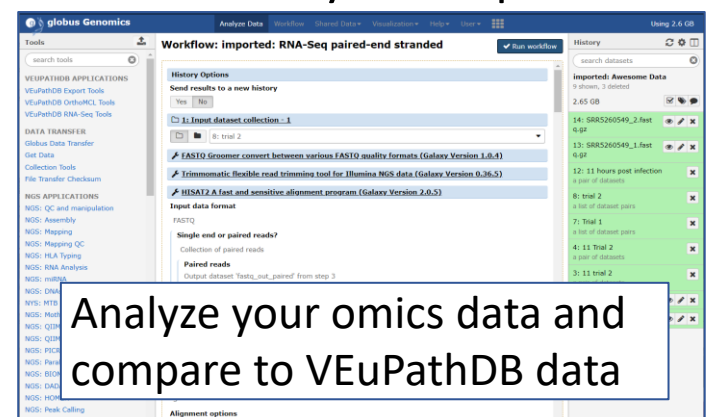
Annotated Transcripts (UTRs in White when available)

RNA-Seq Evidence for Introns (Refined)

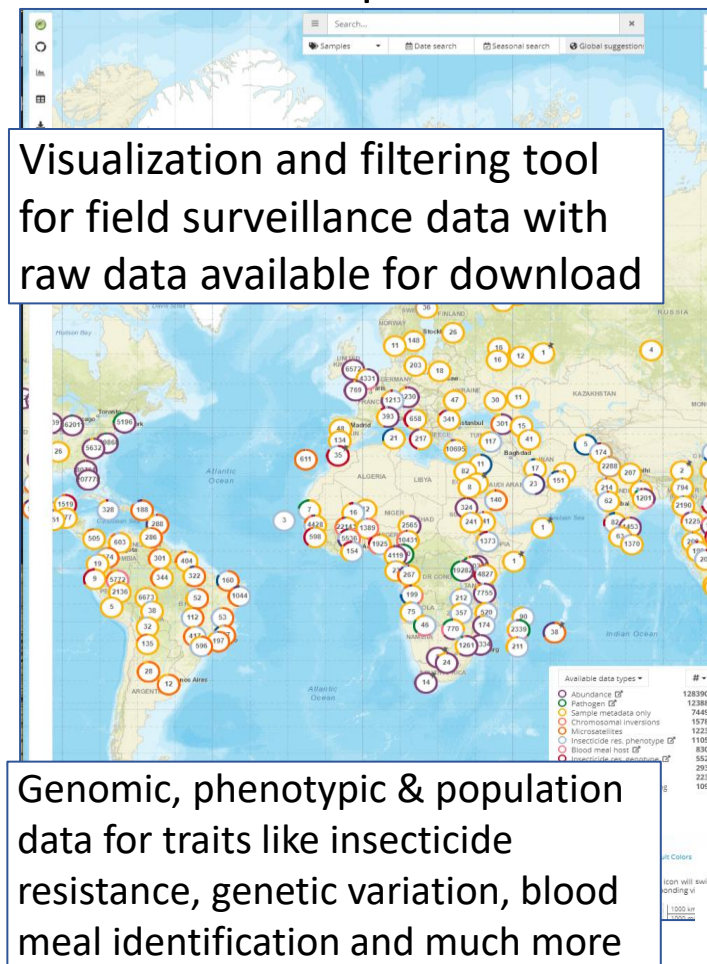
# Genome Browser & Apollo



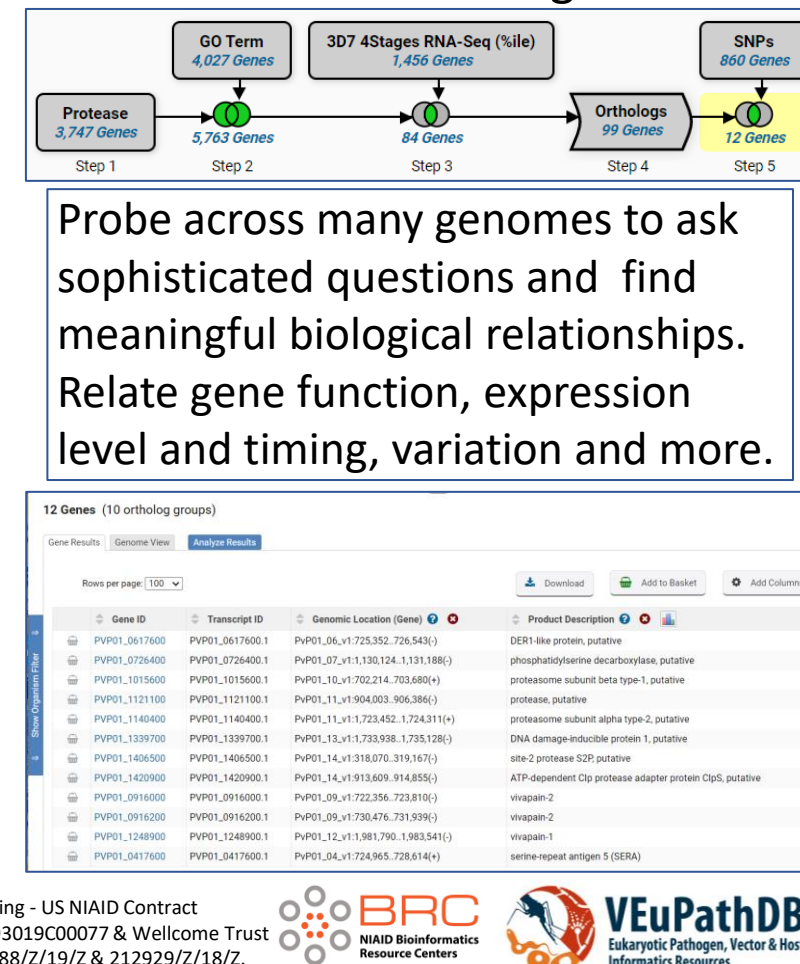
# Galaxy Workspace



## MapVEu:



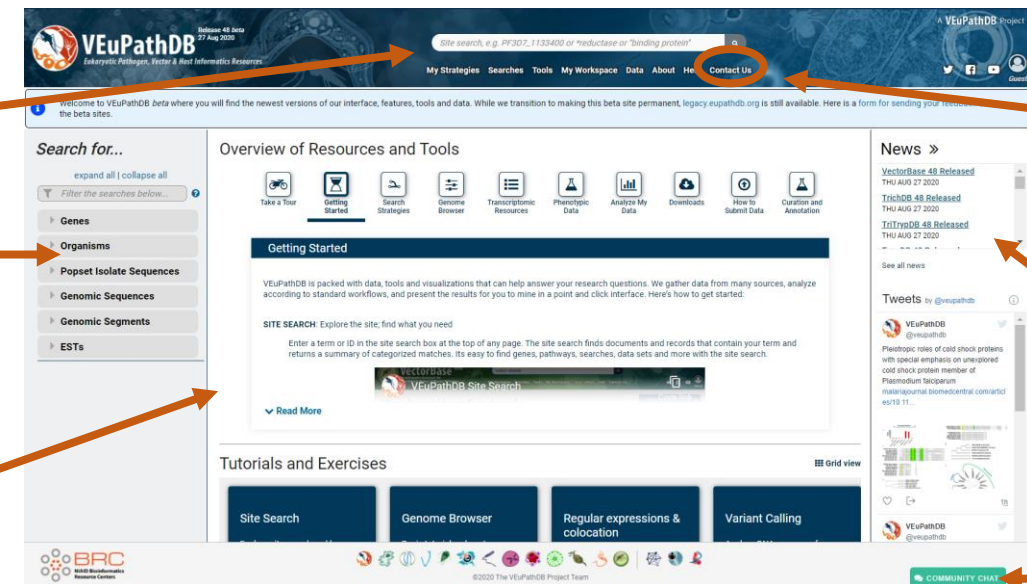
## Search Strategies



Site-wide search  
for finding what  
you need

Searches that query over pre-analyzed omics data

Resources for  
getting started  
quickly or  
diving deeper  
into learning



Contact Us form  
for sending  
questions and  
suggestions to  
our email hotline

News and social media for keeping up with what's new

Community chat  
for connecting  
with colleagues &  
asking questions