

# VectorBase Tour

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**VectorBase**

Bioinformatics Resource for Invertebrate Vectors of Human Pathogens

# Every genome deserves a home



## VectorBase is the home of vector genomes

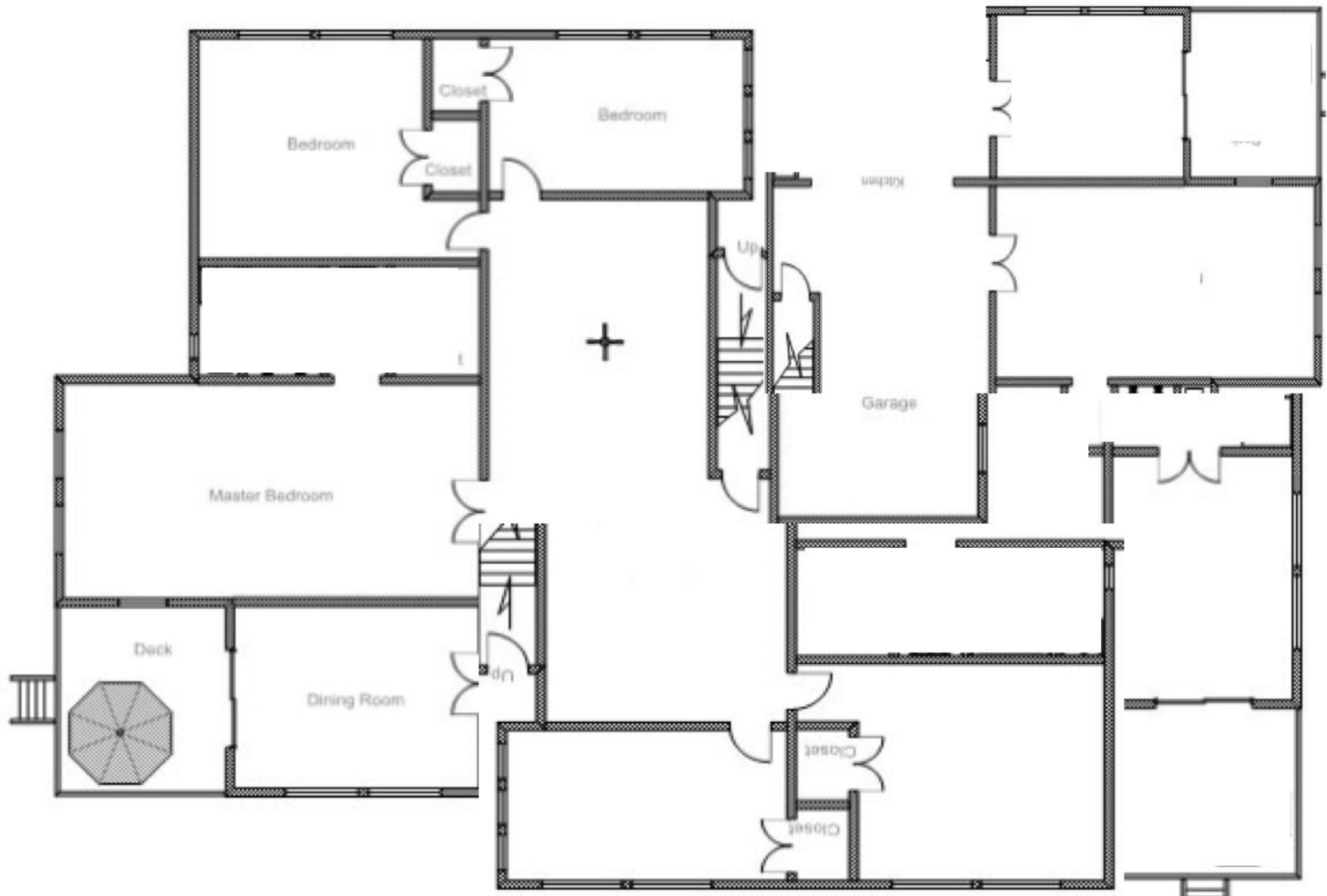


Update and improve:

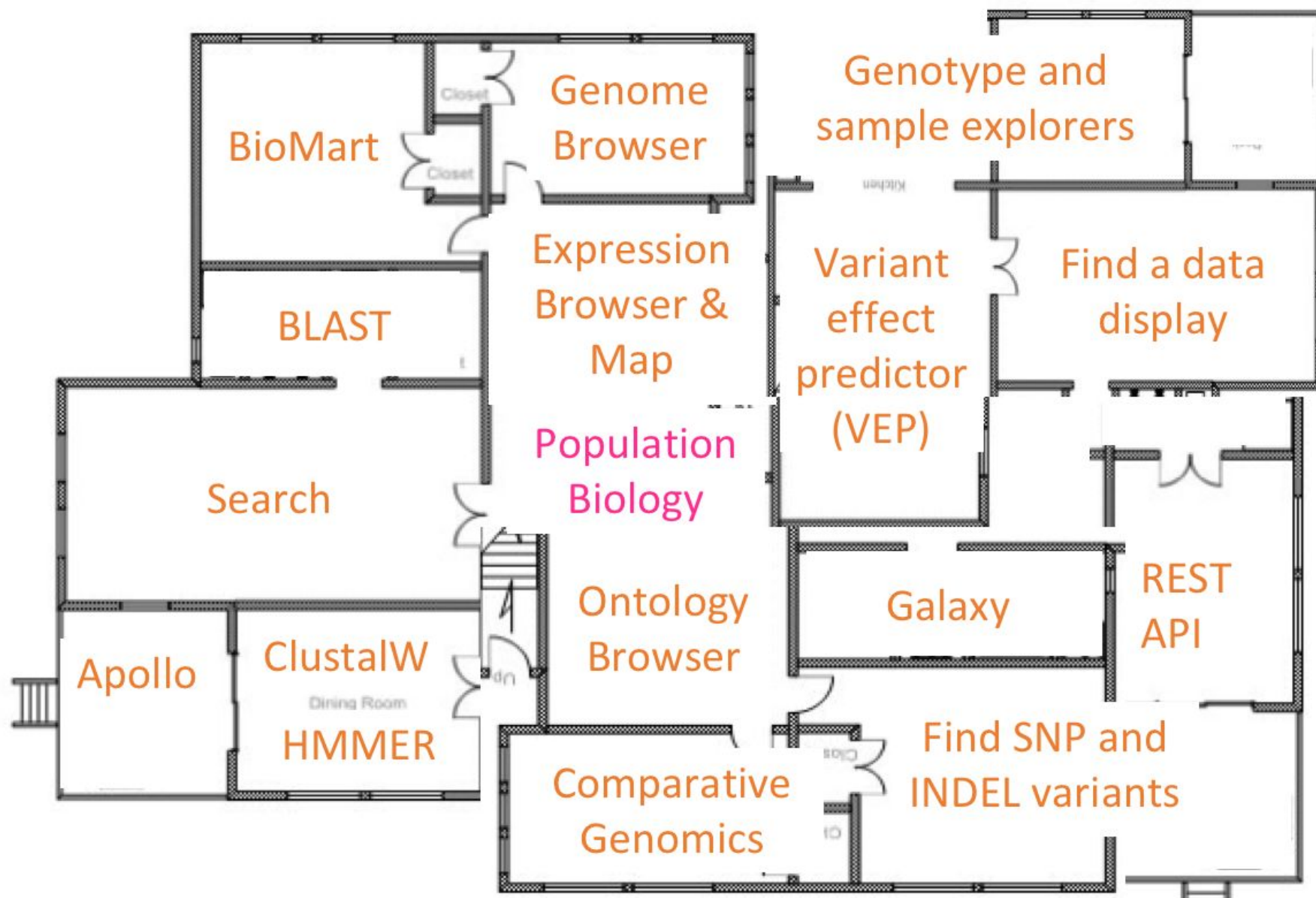
- genome assembly
- gene predictions
- gene metadata



## Anatomy of VectorBase 'home': 20 tools

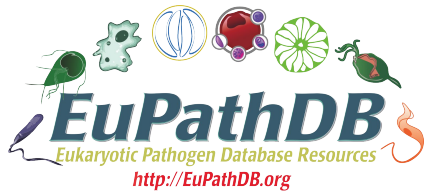


# Anatomy of VectorBase 'home': 20 tools



# VectorBase is

One of the funded National Institutes of Health (NIH) - National Institute of Allergy and Infectious Diseases (NIAID) Bioinformatics Resource Centers (BRCs) for infectious diseases



eukaryotic pathogens  
including fungi



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Invertebrate Vectors of Human Pathogens

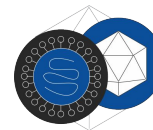
invertebrate vectors of  
human pathogens



bacteria

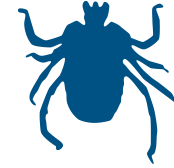


Influenza Research Database  
influenza



**ViPR**  
Virus Pathogen Resource  
viruses

# VectorBase is



- service provider and content generator
- collaborates and supports scientific research
- submits to the archival databases



For details about these topics go to:  
<https://www.vectorbase.org/about>





# Summary





**For more information or help**

e-mail us at  
[info@vectorbase.org](mailto:info@vectorbase.org)

**Thank you!**