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¹ eVaiutilities: Data management utilities for eVai

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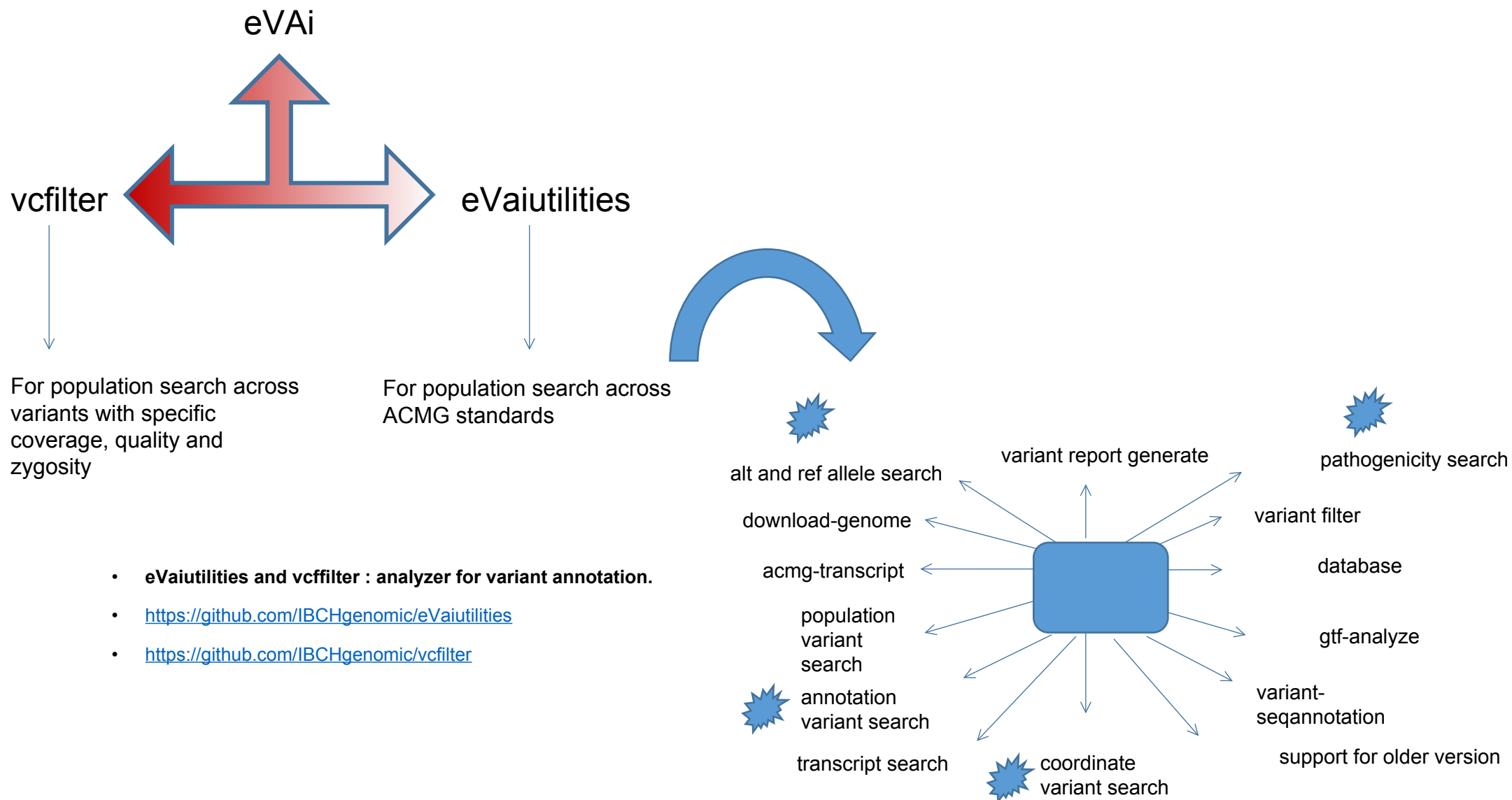
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Funded by ABM project: Development of a universal fast-response platform, based on RNA technology, ensuring the national drug and epidemiological safety. 2021/ABM/05/00004-00



Key Features:

- ...➤ RUST, Conda ,Asynchronous, SQLITE
- ...➤ Population scale analysis
- ...➤ Stats features for variants
- ...➤ Variant summary for easy annotation.
- ...➤ Annotate variant





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asynchronous vcf filter for human genomics.
*****
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Usage: vcfilter <COMMAND>

Commands:
default-vcf-filter      vcf filter according to quality, coverage and zygosity
quality-vcf-filter     vcf filter according to quality
coverage-vcf-filter    vcf filter according to coverage
zygosity-vcf-filter     vcf filter according to zygosity
variant-default-vcf-filter vcf filter default quality40, coverage10 and zygosity multi
variant-quality-vcf-filter vcf filter according to quality and variant
variant-coverage-vcf-filter vcf filter according to coverage and variant
variant-zygosity-vcf-filter vcf filter according to zygosity and variant
help                  Print this message or the help of the given subcommand(s)

Options:
-h, --help      Print help
-V, --version   Print version
```

User interface of vcfilter

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annotating and analyzing eVai results.

*****
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Funded through Development of a universal fast-response platform,
based on RNA technology, ensuring the national drug and epidemiological safety.
2021/ABM/05/00004-00 to
Prof. Luiza Handschuh: luizahan@ibch.poznan.pl.
*****

Usage: eVaiutilities <COMMAND>

Commands:
variant-analyzer      analyzer for the variants
variant-filter        filter the variants
variant-database      create variant database
gtf-analyze           analyze the corresponding gtf
variant-seq           prepare the variant seq annotation
download-genome       download the human genome
acmg-transcript       variant-transcriptids
sequence-profile      sequence profiling
population-variant-search search for the variant across population
coordinate-search     search according to coordinates
coordinate-search-variant search according to coordinates and variant
annotation-search     search according to annotation
pathogenicity-filter  pathogenicity filter
population-variant-searcholder search for the variant across population older version
coordinate-searcholder search according to coordinates older version
coordinate-search-variantolder search according to coordinates and variant older version
annotation-searcholder search according to annotation older version
pathogenicity-filterolder pathogenicity filter older version
transcript-search     search by the specific transcript
transcript-searcholder search by the specific transcript older
alt-allele            search for the ref allele
alt-ref-allele        search according to ref allele and alt allele
alt-allele-older      search for the ref allele older version
alt-ref-allele-older  search according to ref allele and alt allele older version
help                  Print this message or the help of the given subcommand(s)

Options:
-h, --help      Print help
-V, --version   Print version
```

User interface of eVai-analyzer