

Reducer

Hadoop Streaming

Mapper

**Results:**

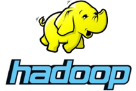
- By patient

- By variation

VCF file

# readstyfawdgiuhd  
# jshfkshdfkjshdfkjs  
#CHROM POS ID

Pathologies associated to variations



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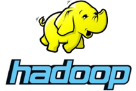
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VCF file

# readstyfawdgiuhd  
# jshfkshdfkjshdfkjs  
#CHROM POS ID

API of known diseases and pathologies associated to variations



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- By patient

- By variation

VCF file

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#CHROM POS ID