Apply the power of Geneious Biologics software to your antibody NGS data

## Analyze, visualize, discover.

**Geneious Biologics'** powerful cloud computing platform quickly and accurately analyzes NGS data, helping you better understand the diversity and quality of your antibody libraries and immune repertoires.

Engineered to intelligently manage and process NGS data, **Geneious Biologics** provides intuitive visualization tools that accelerate identification of therapeutic antibody candidates.

**Geneious Biologics** brings together advanced analytics tools in a user friendly interface to improve accuracy and increase success in therapeutic antibody discovery.

Get a grip on your antibody NGS data with Geneious Biologics

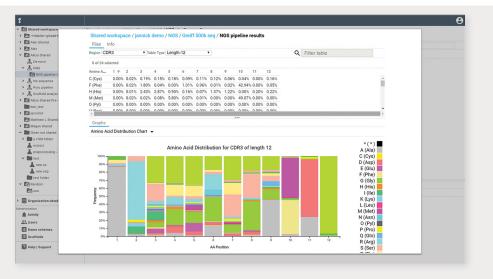
Analyze

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geneious biologics

- Analyze millions of NGS raw antibody sequences in minutes
- QC/trim, assemble, merge paired end data
- Preview, annotate and compare NGS sequences with no manual intervention
- Automatically validate sequences define your own rules
- Search and filter on large NGS datasets
- Cluster and index annotated NGS sequences
- · Show cluster diversity and region length plots

## Visualize



- Compare NGS data sets and plot results of germline, diversity and region frequency
- Inspect individual sequences in large data sets using Geneious' intuitive sequence viewer
- Identify outliers, see cluster and sequence distribution with scatter plots
- Visualize interesting clusters and sequences with sequence viewer
- Look at amino acid variability with (aa) composition plots
- Show relationships between genes in sequences with heat map graphs
- Leverage versatile stack bar charts/histogram capability to quickly understand trends

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## Discover

- Spot high-level trends in large scale antibody NGS datasets
- Drill down into individual sequences
- Achieve deep understanding of your antibody data
- Accelerate precision antibody discovery



To find out more about how **Geneious Biologics** can help you take control of your NGS data and enhance your antibody discovery efforts, please visit www.geneiousbiologics.com