# 🎾 bterra bio

# Reptor

# **Bulk B Cell Receptor Sequencing via NGS**

A flexible antibody repertoire sequencing and analysis service

### **Key Benefits:**

Enabling antibody sequencing beyond mouse and human

Deep sequence polyclonal antibody samples

Discover novel variants of antibody leads

Complete antibody repertoire with germline gene and CDR annotations

# RNA extraction Read stitching Read stitch

### The Reptor<sup>™</sup> Workflow

Check out our latest blog post on immune repertoire sequencing in human!

All work performed in the USA!

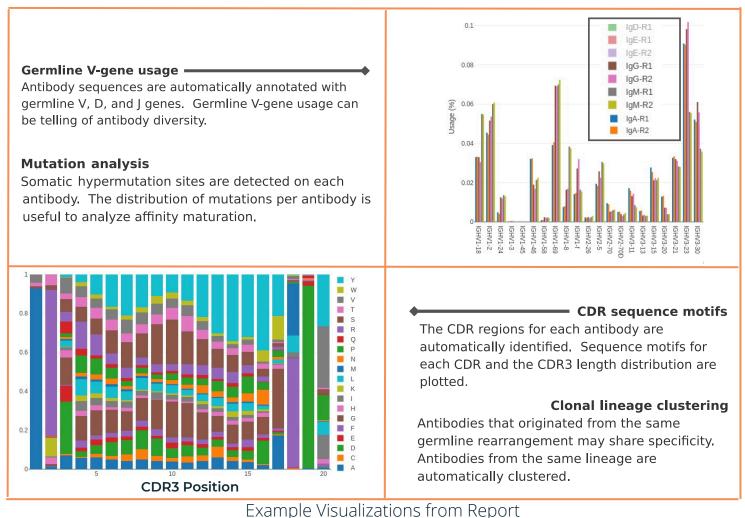
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## Deliverables

- AIRR-seq (tsv) files of every sequence recovered
- Interactive HTML report with repertoire summary statistics including germline gene usage, CDR3 lengths, mutation counts and clone sharing

### **Automated Diversity Analysis**



### **Other Sequencing Services**

- 1. Hybridoma Sequencing Determine dominant and minor sequences for each hybridoma
- 2. Display Library Sequencing- Assess germline gene representation and CDR3 diversity
- 3. Antibody Protein Sequencing- Recover full-length antibody sequence starting from protein.

info@abterrabio.com

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www.abterrabio.com