




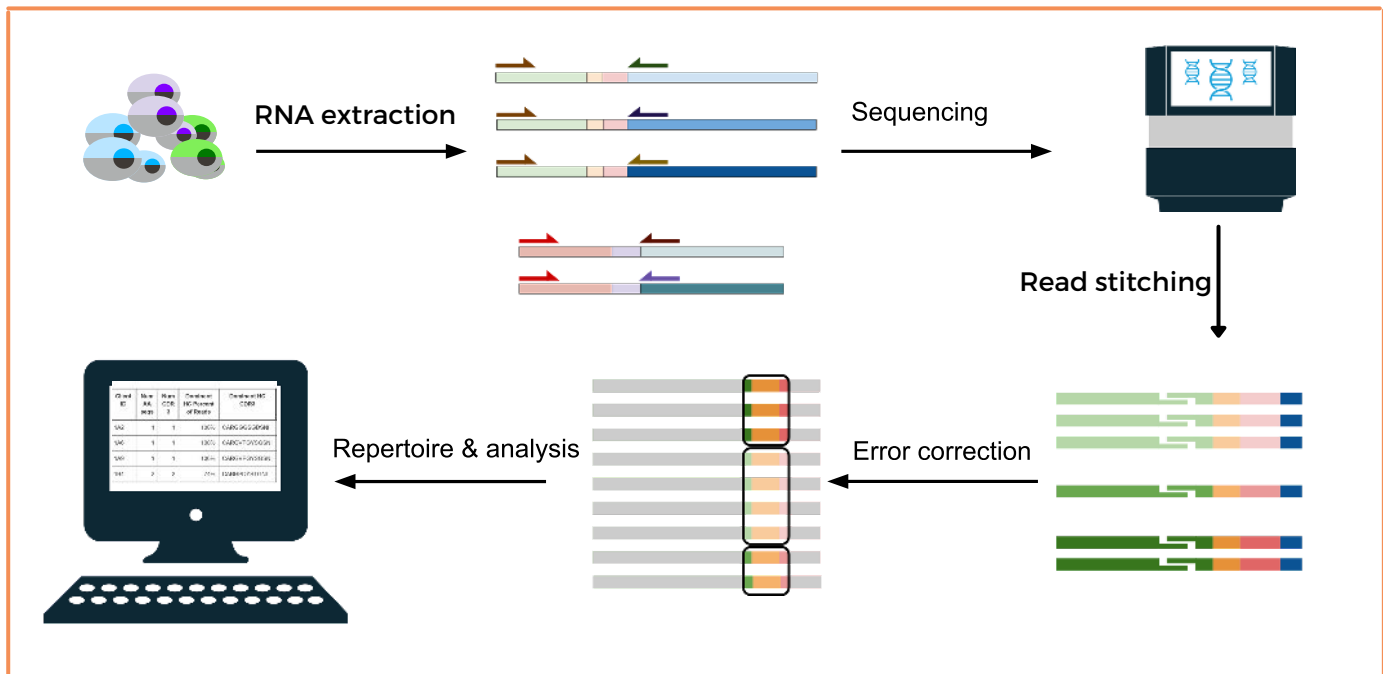
Hybridoma Sequencing via NGS

WE HAVE
SEQUENCED OVER 11,000
 HYBRIDOMAS AND COUNTING

Key Benefits:

- 
Cost effective method utilizing high-throughput multiplexed sequencing
 No minimum project size.
- 
Protect your IP and never lose a hybridoma
 Strengthen your patent application with related sequences from your hybridoma campaign and never have to worry about losing your hybridoma.
- 
Sequence polyclonals
 Deep sequencing each hybridoma reveals contaminating, minor clones that Sanger Sequencing cannot accurately detect.

The Reptor™ Workflow



Low sample requirements
 >10,000 cells

Turnaround time
 3 weeks
 *Rush (Optional)

Royalty Free!

Deliverables

- Full-length sequence of the variable region
- Dominant minor and minor sequences for each hybridoma
- Automated CDR detection on each sequence
- Isotype readout per hybridoma

Example of dominant sequences for each hybridoma

DP ID	Client ID	Num AA seqs	Num CDR 3	Dominant HC Percent of Reads	Dominant HC CDR3	HC Sequence
1A	1A2	1	1	100%	CARGGGSGDSNI	QSVVEESGGRLVTPGTPLTLTCT...
1B	1A6	1	1	100%	CARGVPGYSGSNI	QSVKESEGGFLFKPADTLTLTCT...
1C	1A9	1	1	100%	CARGVPGYSGSNI	QSVKESEGGFLFKPTDTLTLTCT...
1D	1B4	2	2	74%	CARHPDYSTGNI	QSVVEESGGRLVTPGTPLTLTCT...

Valens



- World's first commercial antibody protein sequencing service!
- Over a decade of technology development and expertise.

Reptor



- Over 11,000 hybridomas sequenced!
- Utilizes next generation sequencing (NGS) for high-throughput and comprehensive sequencing.

Alicanto



- Over one hundred projects completed and 2500 antibodies delivered!
- IP free, you are the owner of the sequences.