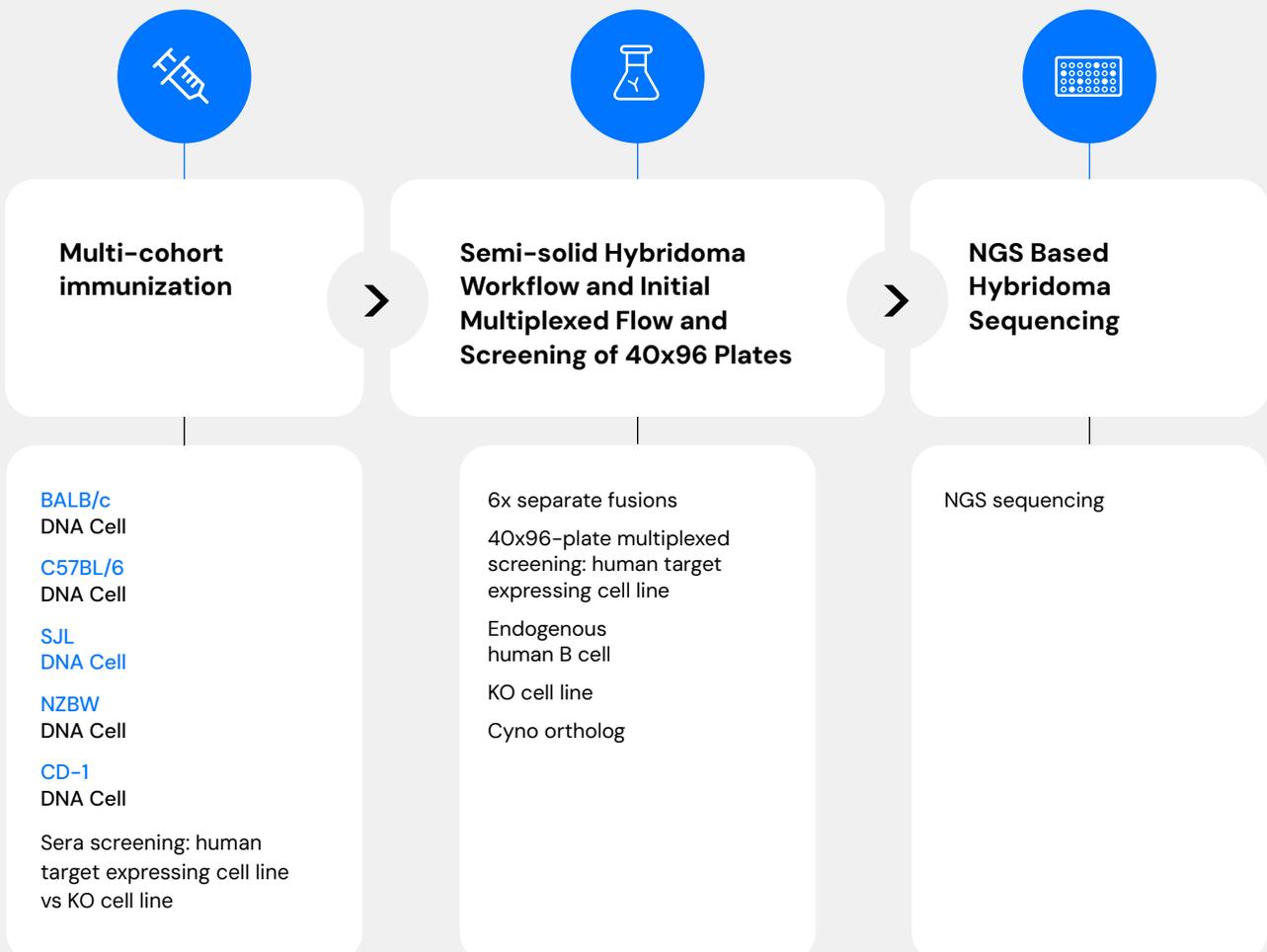


# B Lymphocyte Surface Protein Complex & Hybridoma

## The Challenge:

To apply a multi-cohort immunization strategy with the MindWalk semi-solid hybridoma workflow, with high throughput multiplexed flow cytometry screening, to deliver a diverse panel of paralogue specific and species cross-reactive, lead candidate sequences.

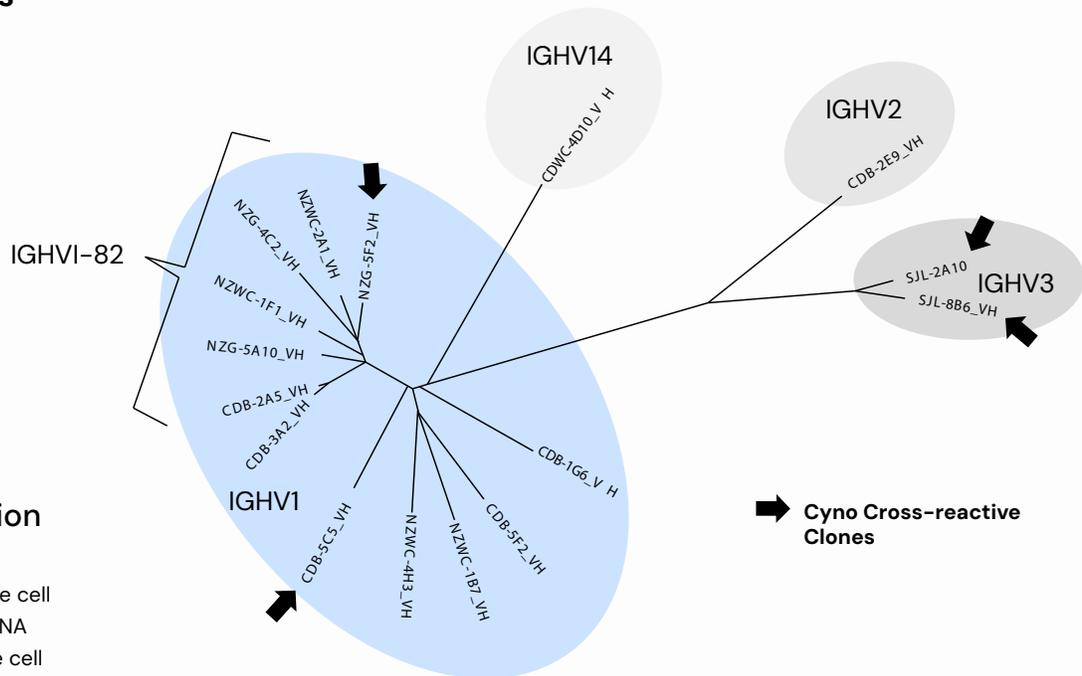
## Delivering a diverse panel of lead candidate sequences



# Program Summary

Clones Screened	1° Hit Rate	Clones Sequenced	Unique %	Lead Candidates Selected
3840	344	31	92%	16

## Phylogenetic Relationship of Top Clones



### UID Designation

NZG = NZBW DNA  
 NZWC = NZBW whole cell  
 CDB = CD-1/BALB DNA  
 CDWC = CD-1 whole cell  
 SJL = SJL DNA

➔ Cyno Cross-reactive Clones

## Conclusion

MindWalk's expertise in DNA and whole cell immunizations and semi-solid hybridoma workflow allowed for efficient NGS sequencing of parental clones leading to a diverse yet selective panel of lead candidates with an industry leading timeline.

