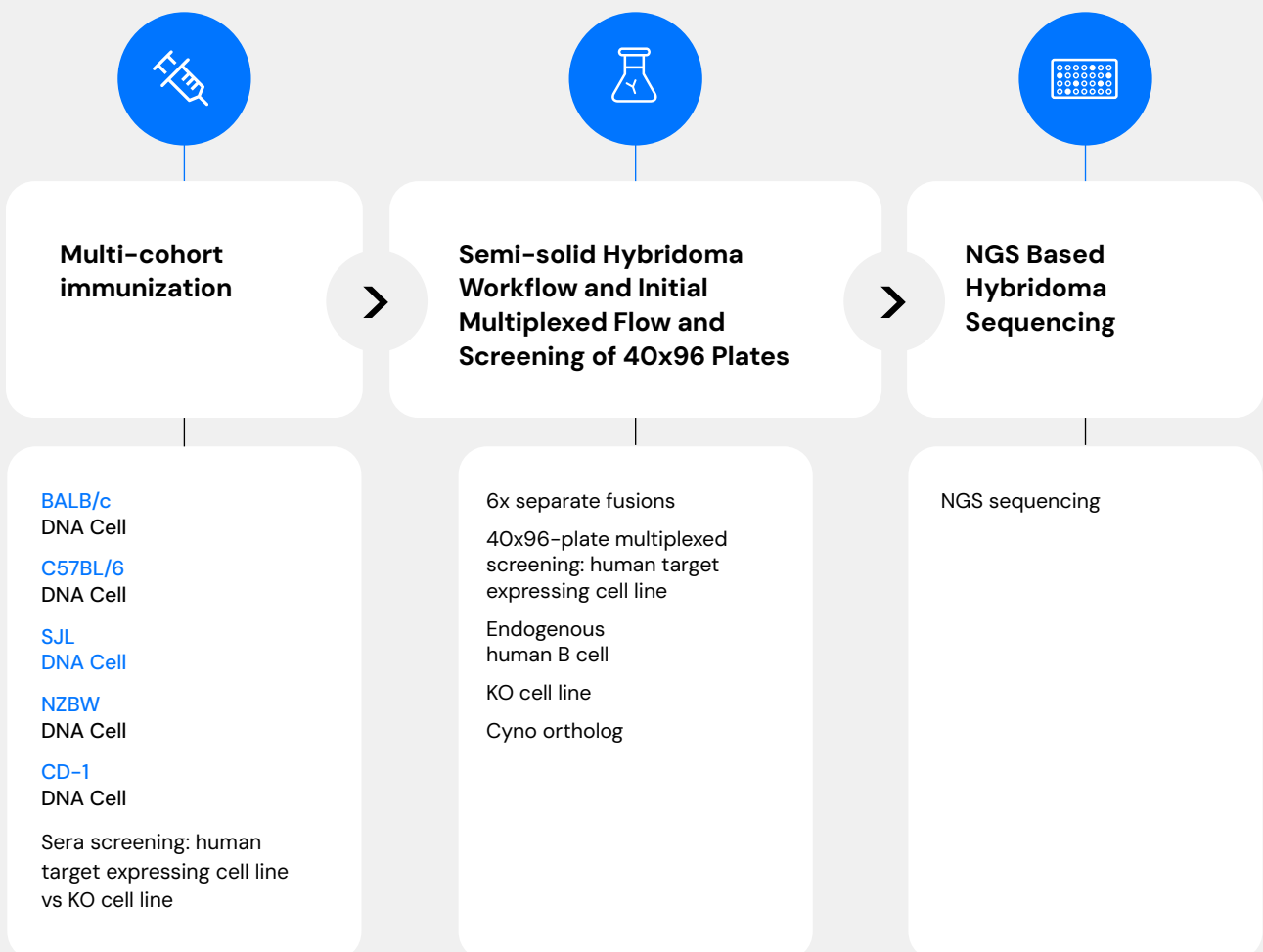


B Lymphocyte Surface Protein Complex & Hybridoma

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.

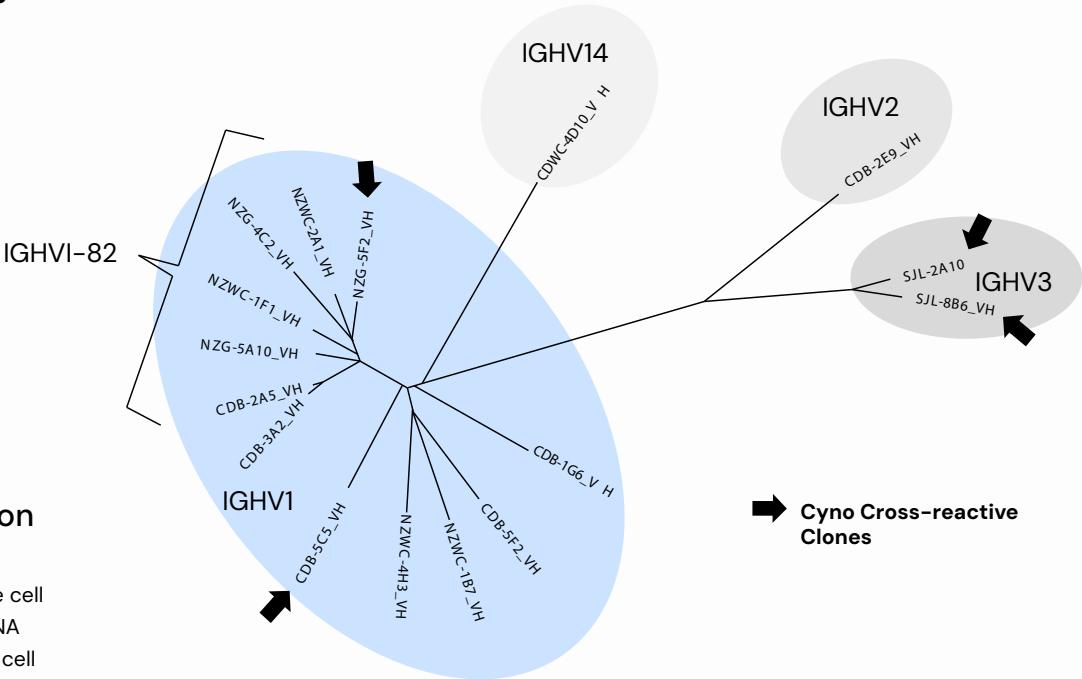
Delivering a diverse panel of lead candidate sequences



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

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.

