

## **Minutes of IARC meeting 89, Dec 13th, 2021**

In attendance: James Heather, Mats Ohlin, Ayelet Peres, Gur Yaari, Andrew Collins, Martin Corcoran, William Lees

### **1. Presentation of TCR inference and affirmation process**

Brief discussion

### **2. Provisional assessment of the process to assess inferences of novel alleles of human TRBV alleles (VDJbase data set P4 or other)**

- Agreement was reached that the group should primarily focus on relatively high frequency novel alleles to establish the process moving forward.
- Extensive trimming of 3'-end appears to occur in the case of TRBV
- Inference could be supported by genomic data that should be supporting the end of the alleles
- Inference is still considered (CW) to be able to contribute novel alleles despite the growth of genomic data.
- It was agreed that adaptation of the Functional groups reference book to accommodate TRBV data in combination with OGRDBstats plots would greatly enhance our ability to efficiently assess inferences.

### **3. Next IARC meeting is on Monday Dec 20th at 11.00 UTC.**