

Minutes of IARC meeting 88, Dec 1st, 2021

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

1. Approval of minutes of meeting 87

Approved

2. Future inference and affirmation approach to alleles of TCR-encoding genes

Move forward with forming a body that can address TCR inferences. JH will involve 1-2 TCR-focussed researchers in the IARC affirmation process. IARC meeting with TCR focus will be called in the immediate future. Focus to pre-assess inferences found in VDJbase.

3. Additional novel alleles in VDJbase, study P1

Novel alleles of IGHV genes now discovered and available in VDJbase P1 set. Sequences will be submitted (AP) to allow formal affirmation.

4. Updated version of VDJbase

Outline of the most recent update of VDJbase (WL, AP).

5. Ayelet's web interface for germline gene repertoire assessment of AIRR-seq data (reference_book)

Presentation of novel features of reference_book, including possibilities to set independent frequency filters for each allele. Discussion on how to document a discussion on alleles as outlined in VDJbase and reference_book. GY, WL, AP will come back with ideas on how to efficiently implement this.

6. Next meetings

Dec 13th, 2021 at 11.00 UTC (TCR focus)

Dec 20th, 2021 at 11.00 UTC