Minutes of IARC meeting 111, Dec 6th, 2022

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

1. **Approval of minutes of meeting 110**
   Approved

2. **A process for incorporation of Sanger-based genomic data in IARC's decision-making process.**
   Discussion of draft generated by MC.
   Approved with changes accepted.

3. **Process with IUIS IG/TR/MH Sub-committee**
   Meetings with the IUIS novel Reports Review Committee is underway. IARC's Term of Reference has been accepted by the IUIS.

4. **Submission of affirmed germline genes to IUIS**
   Text to be added to Notes of novel inferred alleles:

   "The locus on chromosome 14 that carries human IGHV genes is highly complex. Genes may be duplicated or deleted, and identical sequences may be found in more than one gene. The name (with an "i" allele designation) of an inferred allele does not imply that its precise genetic location is known. It just relates to the most similar allele presently found in the IMGT database, or to the gene with the lowest alphanumeric value, should alleles of multiple genes be equally matched to the novel allele in question. Other similar genes have been mentioned in the Notes section."

   Approved.

5. **Primers and literature reference of S00036**
   The information will be updated by WL.

6. **Process to assess novel germline alleles using gAIRR process**
   A meeting will be held in the immediate future (expected IARC participants: MO, WL, AC).

7. **Submission of data for IGLV2-14*i02 (IGLV2-14*04) and of data for additional inferred IGHV P1 sequences in VDJbase that have not yet been affirmed (e.g. IGHV3-30*04 C201T G317A (IGHV3-30*18 G113C C114T) (P1_I70), IGHV3−13*01_G290A_T300C (P1_10), IGHV4-61*01 A41G (P1_I23)) to ENA/GenBank - update**
   Under resubmission.

8. **IARC - Notes on development of human IGH germline sets that are optimized for use in AIRR-seq analysis.**
   AC has put together drafts of different types of IGHV sets (to be circulated) for further consideration and discussion.

9. **Next meeting**
   Date to be determined.