

Agenda and Minutes of IARC meeting 69, May 18th, 2021 at 10.00 UTC via Zoom video system.

In attendance: Andrew Collins, William Lees, Corey Watson, Martin Corcoran, Gur Yaari, Mats Ohlin, Ayelet Perez (guest), Oscar Rodriguez (guest)

1. Approval of minutes of IARC meeting 68

Approved

2. Release of IGHV2-70*01 (in relation to decision IARC meeting 68 §7)

AC will release this inference that by now through other means has entered the IMGT database

3. Duplicated genes - how do we manage naming: e.g. the IGHV1-69 – (IGHV2-70D – IGHV1-69-2 – IGHV1-69D) – IGHV2-70, the IGHV4-4/59/61, the IGHV3-30/30-3/30-5/33 regions were discussed.

- Symbols of sequences rather than names of genes might be a way forward in IARC's naming process.
- Naming that considers ambiguity in gene calls might be adopted.
- Naming ambiguity is aggravated when dealing with libraries generated by short reads (e.g. libraries generated by Biomed-2 primers), an issue that must be taken under consideration
- GY highlights the need to address the matter of short reference sequences in this work.
- A Google-doc will be started (MO) to collect ideas on naming conventions (to be completed by May 31, 2021). AP will post a figure that highlights the problem. AP will reorganize the info in time of IARC meeting 70.

4. Update on the process of GenBank/SRA_ENA submission of novel inferred alleles provisionally assessed by IARC.

AP/GY: Data is ready, but there are concerns about establishing the link between read data and sequence record in ENA. AP will contact ENA help desk for advice on what would constitute an efficient process moving forward.

5. Next meeting Tuesday June 15 at 10.00 UTC