

Minutes of IARC meeting 105, Sept 13th, 2022

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

1. Approval of minutes of meeting 104

Approved

2. Functional groups reference book - update

Update on progress provided by AP.

3. Submission of data for IGLV2-14*02 (IGLV2-14*04) and for additional P1 IGHV sequences in VDJbase not yet 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

Awaiting submission. Will be updated by AP.

4. IARC - Notes on development of human IGH germline sets that are optimized for use in AIRR-seq analysis.

Discussion of the text and diverse criteria for establishment of germline sets, for instance inclusion of genomically derived data, sequences with an appreciable level of expression, need for different sets depending on intended use, etc.

5. Discussion on Inferred Allele Review Committee - Objectives and Approach

Discussion. The text should be reviewed prior to next meeting to allow a revised version to be circulated at the GLDB meeting in Oct, 2022. To be further discussed at IARC meeting 106.

6. Development of the downstream process of affirmed alleles during the restructuring of the IUIS Immunoglobulins (IG), T cell Receptors (TR) and Major Histocompatibility (MH) Nomenclature Sub-Committee

Discussion of how to proceed to allow novel inferred alleles to enter into the IMGT germline database. CW will contact IUIS Immunoglobulins (IG), T cell Receptors (TR) and Major Histocompatibility (MH) Nomenclature Sub-Committee leadership to initiate a discussion of the process.

7. Next Meeting

September 27th, 2022 at 10.00 UTC.