

IARC Meeting 29: January 25th 2019: minutes

The meeting commenced at 21:30 AEDT. AC, CS, MC, and MO were in attendance. William Lees joined the meeting.

1. The minutes for Meeting 27 were ratified, but not all committee members had been able to access the minutes of Meeting 28. A link will again be circulated, and the minutes will be considered at the next meeting.
2. Chaim Schramm's submission was the main focus of the meeting. It was observed that 3 libraries had been generated for each of the three subjects. The libraries were generated using different platforms and different primers. Some primers extended into the FR1 region. WL will enquire of Chaim which SRRs have been used to generate the genotype, and the Accession numbers provided will need to be modified to reflect this. A sequence read field can perhaps be included in the Genotype worksheet to make this clearer.
3. It was agreed that there is a need for a policy regarding the use of combined runs to generate a genotype. IARC regards combining multiple runs of the same type from a single individual as acceptable for novel allele inference but reserves the right to view the individual runs before making a final decision. Genotypes generated using different platforms and/or different primers should be submitted separately, and in this way may serve to give greater confidence to inferences noted in both or all of the submitted genotypes.
4. MO noted that the frequency of rearrangements in Chaim's data is affected by the primers used, with 5' RACE over-representing VH4 family rearrangements and the leader primer data have an over-representation of VH1 family rearrangements. This is an issue that will need to be borne in mind when assessments of inferences involves consideration of rearrangement frequencies.
5. It was noted that some but not all of the variants submitted by Chaim to IgPdb are now before the IARC. It could be important to understand why some of the IgPdb sequences are not part of the submission to IARC, as this may contribute to our understanding of partis and its operation.

The next meeting (Meeting 30) will be on Friday February 1st at 21:30 AEDT. That is, it will be held 30 minutes earlier than usual

The meeting ended at 23:00 AEDT.