

IARC Meeting 18: June 14th 2018: minutes

The meeting commenced at 21:00 AEST. AC, MC, MO and CS were in attendance. The committee was joined by William Lees.

1. The minutes of Meeting 17 were accepted.
2. MC ran through the submission sheet for B12. It was noted that it would be valuable for some example completed documents to be available to help submitters with completion of the sheets, and if possible for some formulae to be set up to assist with calculations. The sheets will be reviewed at a later date to ensure that the sheets are fully MiAIRR compliant.
3. MO pointed out that we need to know to what gene regions the primers anneal. At present, this is not obvious from the submission sheet, which could give IARC unnecessary work and delay consideration of submissions. We must ensure that the submission guidelines explicitly and prominently state that for inferences of IGHV genes, primers must not anneal to the region between from the 5' end of the FR1 and the 3' end of the IGHV gene. MO will produce suggested text at a later meeting.
4. The Inference Tab of the submission sheet was reviewed. Sequence ID refers to the ID from the submitter, in this case, from IgDiscover. 'Closest host' refers to the closest gene in the subject's genotype. CS agreed to try to come up with an alternative name. Nt differences and amino acid differences: we need to indicate that IMGT numbering should be used. The 'Unmutated frequency' requires clearer definition, so that it captures the frequency of unmutated sequences of a particular sequence, calculated with respect to the total number of unmutated sequences.
5. The Haplotype ratio requires more careful definition. How is this calculated if there are more than two alleles? Is the ratio calculated differently if we know from haplotyping where the various alleles are to be found?
6. At the next meeting, we will consider Documentation sheets. AC will communicate with WL, via email, to resolve a series of issues relating to the existing document.
7. The next meeting (Meeting 19) will be held on Friday 29/6/2018 at 21:00 AEST.

The meeting ended at 22:00 AEST.