

# IARC Meeting 15: May 18th 2018: minutes

The meeting commenced at 21:00 AEST. AC, MC, MO and CS were in attendance, and IARC was joined by William Less. The meeting was conducted via Webex to facilitate consideration of files developed by WS.

1. The minutes of Meeting 14 were accepted.
2. The committee considered the most appropriate way that the unmutated frequency of an inference should be reported, noting that this may evolve over time due to different utilities presently having different outputs. The preferred determination from the IgDiscover output is the use of exact/(Total of exact for all sequences in the genotype).
3. AC notified the committee of communication with Steven Kleinstein, who reported that Jason Vander Heiden and Susanna Marquez are working to provide modifications to the TIgGER output in accordance with the needs of IARC. AC also notified the committee of communications with Duncan Ralph. He has provided additional partis output for the B12 and B16 data. AC proposed that consideration of these data would be the focus of the next IARC meeting. That meeting will also begin the consideration of inferences from the partis output on the B12 and B16 analysis that have not yet been considered by IARC.
4. WL presented his latest version of the Documentation spreadsheets to the committee. He reported that he has modified the author field to be an acknowledgements field. Discussion considered the numbering systems and delineation of regions within a sequence. WL emphasised that IARC should ask for exactly what would work best for them. He will allow for multiple representations, but the output that is accessed by IARC will be one system. The intention is that IARC will fill in a documentation sheet as we begin considering each inference.

The Submission ID field was noted, and the following IDs were assigned: B12 Sub0001; B16 = Sub0002; Linnea Thornquist = Sub0003. The IARC repertoire ID was discussed, and it was suggested that this would no longer be needed and can be replaced with a PubMed ID. The Sequence ID is intended to be provided by a submitter, and the Sequence name is to be assigned by IARC, whenever they choose. This is likely to be when the committee determines that a sequence should not be rejected. Sequences that are destined for Level 0 would therefore be assigned such a name.

The need for re-submission sheets, if IARC asks for more information, was noted and WL undertook to consider this issue.

WL also advised that over coming meetings, the committee should note checks that are important to the committee deliberations, and some of these checks can likely be automated. This could include the completion of critical fields, the checking of PubMed IDs and so on.

5. The next meeting (Meeting 16) will be held on 25/5/2018 at 21:00 AEST.

The meeting ended at 22:10 AEST.