

IARC Meeting 51: March 16th 2020: minutes

The meeting commenced at 10:00 UTC. AC, MC, CS, MO, and WL were in attendance. Corey Watson also attended.

1. The minutes of meetings 49 and 50 were considered and approved.
2. The challenges of light chain inferences were again discussed. MC presented slides showing the performance of a new version of IgDiscover, using various starting IGLV/IGKV germline gene databases. A continuing problem arising from truncations of sequences in the germline gene databases was highlighted. Changes resulting from further development of clustering algorithms were also highlighted. MO then presented analysis of the consequences for light chain alignments of changes to settings of alignment utilities.
3. CW will attempt to identify extensions of truncated IGKV and IGLV in his genomic data.
4. The naming of 'extended' sequences was identified as a critical issue, and it was agreed that this issue should be brought to the attention of the GLDB WG, in the hope that discussion with IMGT can lead to the articulation of a general policy for the naming of such extended sequences.
5. The next meeting (Meeting 52) will be held on April 6th at 10:30 UTC.

The meeting ended at 11:25 UTC.