

FAANG 2023: Community input on FAANG Task Force activities and future priorities

Christopher K. Tuggle, Iowa State University

Huaijun Zhou, University of California - Davis

Emily Clark, The Roslin Institute

Giuffra (Paris-Saclay University, INRAE, AgroParisTech, GABI, 78350 Jouy-en-Josas, France)

The Functional Annotation of Animal Genomes (faang.org) is interested in gathering community inputs on the current activities and future priorities of the global FAANG efforts. FAANG has recently reorganized itself into a series of Task Forces (TF) including FAANGCompGen, FAANGPrediction, FAANGSingleCell, FarmGTEx, HTP-DS, and MetaFAIR. These task forces are open to all FAANG members and have initiated several virtual meetings in discussing TF-specific priorities, challenges, and future directions since September 2022. The Plant and Animal Genome 2023 FAANG Workshop devoted time for roundtable (small group) discussions in gathering inputs on the first TF activities and the community suggestions for future FAANG priorities and needs. The general discussions verted on the potential expansion of current TFs, on the importance to share protocols, metadata and pipelines for the most recent assays, and on the role of new large scale projects, network and infrastructures of EU, US and other FAANG-related communities to increase the benefits for the whole community (see PAG Workshop report at the ISAG meeting in Cape Town website). The FAANG workshop-wide forum will provide an opportunity for attendees to use a similar small group environment to weigh in on the same questions used in San Diego, as well as provide input on new emerging subjects. The feedback will be reported to the FAANG Steering Committee. The PAG and ISAG discussions will be combined and reported back to the wider FAANG community to guide future direction of the FAANG.