Data Management Plan

Products of Research and specific management plans

Data generated by this research will include:

Full genome RNA seq data.

    a. The timely deposition of these data and the associated experimental and environmental data in several public databases has been accounted for in the JCVI budget though costs for data processing, deposition, and storage. Prior to the submission of publications describing the data, the raw Illumina reads will be deposited in the NCBI Sequence Read Archive, while the assembled transcripts will be deposited in the NCBI Transcriptome Shotgun Assembly Database. JCVI is an active participant in the Genome Standards Consortium, which issues policy recommendations on data deposition such as the Minimum Information for Metagenomes Standards (MIMS). In accordance with these policies, experimental details and data-processing information will be included with data depositions, along with the measured environmental parameters. If new scripts for statistical analyses are developed, it will be in the open-source R programming language and they will be distributed free-of-charge. The JCVI budget also includes the cost of long-term (10+ years) data storage arrays, which provides a failsafe should other public repositories lose funding.

Genome sequences of isolates and enrichment cultures

    a. The timely deposition of these data and the associated experimental and environmental data in several public databases has been accounted for in the JCVI budget though costs for data processing, deposition, and storage. Annotated genome assemblies will be submitted to NCBI JCVI is an active participant in the Genome Standards Consortium, which issues policy recommendations on data deposition such as the Minimum Information for Metagenomes Standards (MIMS). In accordance with these policies, experimental details and data-processing information will be included with data depositions, along with the measured environmental parameters. If new scripts for statistical analyses are developed, it will be in the open-source R programming language and they will be distributed free-of-charge. The JCVI budget also includes the cost of long-term (10+ years) data storage arrays, which provides a failsafe should other public repositories lose funding.

Data already deposited

http://www.ncbi.nlm.nih.gov/genome?LinkName=pubmed_genome&from_uid=25587132