USDA
United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

Ana Caicedo, PhD
Biology Department
221 Morrill South
University of Massachusetts
Amherst, Massachusetts 01003-9297

Dear Ana,

I am writing this letter on behalf of the Gramene project for support of the project on "The evolutionary genomics of invasive weedy rice" that you and your colleague, Kenneth Olsen (Washington University in St. Louis), are planning to submit to the NSF-PGCSP. It is my understanding from your email that you will be generating sequence data, and SNP/indel polymorphism data for a diverse panel of U.S. red rice (*O. sativa*), U.S. rice cultivars (*O. sativa*), Asian cultivated rice (*O. sativa*), the progenitor of cultivated rice (*O. rufipogon*), and a few other Oryza species in seven targeted large genomic regions as well as 48 randomly chosen STS loci. We are interested in making all of this data available to the public via Gramene, and believe that the SNP data will be of particular value to the genomics community.

Gramene will be happy to integrate the data generated from the project, specifically the identified SNP variants, into the rice diversity module which uses the GDPDM schema. We will establish a format for data exchange and update project information on a 4-month cycle with links back to your project database. Please note all Sequence data should be deposited in GenBank and we recommend that all SNP variation data be deposited in dbSNP.

We are pleased that you have budgeted 10% of an FTE to facilitate the data transfer, curation and integration with Gramene. We understand that this person will be a postdoctoral researcher in the Olsen lab. The person will be responsible for assuring the quality of the data into a local copy of the GDPM module, coordinating upload with a Gramene staff member and assuring that the integrity of the data is reproduced in the Gramene database.

Because we have been involved with diversity of rice diversity data on a global scale we look forward to your results and placing them in the context of genomic sequence variants from the broader, albeit non-breeding, germplasm base that Gramene has been developing.

Sincerely,

Doreen Ware

Doreen Ware USDA ARS
Research Investigator
Cold Spring Harbor Laboratory

ars
North Atlantic Area * Plant, Soil & Nutrition Laboratory
Tower Road * Ithaca, NY 14853-2901
Cold Spring Harbor Laboratory * 1 Bungtown Road * Cold Spring Harbor, NY 11724
Voice: 516 367 6979 * FAX: 516 367 8389 * E-mail: ware@cshl.edu