

## Response to Reviewers of NRSP\_TEMP10

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We very much appreciate the time taken by NRSP10 reviewers to review this proposal and their kind comments on its value. There were really only two areas that suggest a response is needed, which we try to address below.

Long term support for NRSP10 database and informatics resources is indeed a concern, just as it is for all such useful resources that do not have long term permanent support. In this renewal we have extended our successful past efforts to leverage other funding through industry and competitive programs to include the involvement of the experienced Phoenix Bioinformatics team. They will assess and recommend viable solutions for long term sustainability, which we will test and implement by 2024. Based on discussions with this team and the wider AgBioData community, sustainability will most likely involve a mixed model for support.

As a community database we make available the data we analyze from publicly available datasets in standard formats and work with contributors to ensure that their raw or analyzed data is submitted to the appropriate primary repository. We work with the communities to ensure we have the most up to date versions of genome sequences and annotations and plan to provide “mapping” of genes and gene name versions for all our databases (currently GDR is the only one that really does this). It is indeed important to have the data we make available in standard formats and we certainly endeavor to do so with the understanding that this data does not belong to us. Our good relationship with the crop communities served by NRSP10 helps us promote this effort.