

## RESOURCE SHARING PLAN

This work will generate new reagents and data that will be made freely available. Discoveries made as a result of this proposal will be published in peer-reviewed journals, presented at scientific conferences, and shared with other scientists and the community through open discussions. Information will only be withheld if it endangers chances of publication or communication to the community.

### Chemical Characterization and Resources

All original synthetic compounds and characterization obtained, including Riboglow probes and their associated NMR, UV/Vis, mass spectra, etc. will be stored in the Palmer lab indefinitely and will be distributed by the following plan:

- Original and unprocessed spectra and chromatographs will be sent directly to requesting laboratories via email within 2 weeks of the original request.
- Additionally, all processed spectra will be provided in the supporting information of published journal articles for continuous long term access.
- If available, small samples of material will be sent directly to requesting laboratories using standard express mailing services within 2 weeks of the original request.

### DNA

All original DNA reagents (including primers, plasmids, and libraries) will also be stored in the Palmer lab indefinitely and distributed by the following plan:

- Genetic data, including high-throughput sequence reads will be submitted to the appropriate NIH-funded repositories including the NCBI BLAST database (<https://blast.ncbi.nlm.nih.gov/Blast.cgi>).
- Genetic constructs in the form of plasmids will be submitted to Addgene ([www.addgene.org](http://www.addgene.org)).

I agree to deposit these resources into the appropriate repository as soon as possible but no later than within one year of the completion of the funded project period for the parent award or upon acceptance of the data for publication.

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