

NPRB2301 Sample and Data Update

February 5, 2025

This report summarizes the samples available for NPRB 2301, their status and the status of laboratory processes. Updates will be made available whenever significant updates to the sample database or analytical data become available.

Version Notes

AMS data back from NOSAMS for training sample layers.

Links and Resources

- [github repo](#) (public)
- [Research Workspace](#) (password protected)
- [Google Folder](#) (access controlled)

Specimen, Sample and Layer Summaries

- Each animal has a specimen_ID. The exception is spiny dogfish embryos, which are considered samples taken of the adult.
- Each eye, embryo, spine, etc. has a unique sample_id, which links back to the specimen_id that that sample was taken from.
- Each eye is further separated into layers and each layer_id links back to the sample_id (and thus, specimen_id).

(Insert flow chart?)

Pacific sleeper sharks

insert summary table of n animals sampled (that we have complete data for!) by LME and n eyes total (some only have one eye) insert graphs of length dist by sex insert summary table of n eyes which have been delaminated and n layers created

Spiny dogfish

insert summary table of n animals sampled (that we have complete data for!) by LME and n eyes total (some only have one eye), add in how many animals had embryos insert graphs of length dist by sex insert summary table of n eyes which have been delaminated and n layers created, n spines prepped

AMS

summary table of AMS samples run to date and est of how many we still can run based on funds remaining

Stable Isotopes

summary table of bulk isotopes run to date and est of how many we still can run based on funds remaining

CSIAA

summary table of CSIAA isotopes run to date and est of how many we still can run based on funds remaining