


This page describes a data management plan written for the [Federal Aviation Administration](#) using the [DMPTool](#). You can access this information as [json](#) here.

# Gene Expression and Biomarker Utility in Postmortem Samples

## Contributors to this project

**Scott Nicholson:** [Data-curation, Investigation, Project-administration, United States Department of Transportation,](#)  
 [0000-0002-2201-744X](#)

## Project details

**Research domain:** Medical and Health Sciences

**Project Start:** 30 Sep 2019

**Project End:** 25 Apr 2024

**Created:** 06 Jan 2023 06PM

**Modified:** 05 Apr 2024 03PM

**Ethical issues related to data that this DMP describes?** unknown

## Citation

**When citing this DMP use:**

Scott Nicholson. (2023). "Gene Expression and Biomarker Utility in Postmortem Samples". [Data Management Plan]. DMPTool. <https://doi.org/10.48321/D1362Q>

**When connecting to this DMP to related project outputs (such as datasets) use the ID:**

<https://doi.org/10.48321/D1362Q>

## Funding status and sources for this project

**Status:** Approved

**Funder:** [Federal Aviation Administration](#)

**Funding opportunity number:**

Grant: na [na](#)

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## Project description

This study is intended to identify genetic biomarkers associated with consumption of cannabis in order to expand thresholds of detection and ability to detect use of drugs that are difficult to assay with traditional biochemistry-based toxicology assays. This project will produce a method of genetics-based detection of drug use in sample specimens used for traditional biochemical-based toxicology, thereby expanding the ability to detect use of drugs in toxicology samples. This project will expand the FAA's ability to assay toxicology samples and will produce biomarkers of THC use for use in future work.

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## Planned outputs

### Gene Expression and Biomarker Utility in Postmortem Samples

Technical report describing project

<https://doi.org/10.21949/1529631>

**Format:** Data paper

**Anticipated volume:** 1 TB

**Release timeline:** 29 Sep 2024

**Intended repository:** [NCBI](#)

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### Gene expression and biomarker utility in postmortem samples RNAseq set

RNAseq dataset located at

[https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study\\_id=phs003546.v1.p1](https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id=phs003546.v1.p1)

**Format:** Dataset

**Anticipated volume:** unspecified

**Release timeline:** 07 Feb 2024

**Intended repository:** [NCBI](#)

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