

# Resource Summary Report

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## Phenotypes and eXposures Toolkit

RRID:SCR\_006532

Type: Tool

### Proper Citation

Phenotypes and eXposures Toolkit (RRID:SCR\_006532)

### Resource Information

**URL:** <https://www.phenxtoolkit.org/>

**Proper Citation:** Phenotypes and eXposures Toolkit (RRID:SCR\_006532)

**Description:** Set of measures intended for use in large-scale genomic studies. Facilitate replication and validation across studies. Includes links to standards and resources in effort to facilitate data harmonization to legacy data. Measurement protocols that address wide range of research domains. Information about each protocol to ensure consistent data collection. Collections of protocols that add depth to Toolkit in specific areas. Tools to help investigators implement measurement protocols.

**Abbreviations:** PhenX Toolkit

**Synonyms:** Phenotypes and eXposures Toolkit

**Resource Type:** database, standard specification, narrative resource, data set, data or information resource, service resource, catalog

**Defining Citation:** [PMID:21749974](#)

**Keywords:** PhenX project, genome, phenotype, genome-wide association study, genetic variation, genomic study, substance abuse, addiction, substance use, environmental exposure, disease susceptibility, outcome, bio.tools

**Funding:** NHGRI U01 HG004597;  
NHGRI U41HG007050;  
NIDA ;  
OBSSR ;  
NIMH ;  
NHLBI ;

NIMHD ;  
TRSP ;  
NHGRI U24 HG012556

**Availability:** Restricted

**Resource Name:** Phenotypes and eXposures Toolkit

**Resource ID:** SCR\_006532

**Alternate IDs:** SCR\_017475, biotools:PhenX\_toolkit, nlx\_144102

**Alternate URLs:** [https://bio.tools/PhenX\\_Toolkit](https://bio.tools/PhenX_Toolkit)

**Record Creation Time:** 20220129T080236+0000

**Record Last Update:** 20250411T055124+0000

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## Ratings and Alerts

No rating or validation information has been found for Phenotypes and eXposures Toolkit.

No alerts have been found for Phenotypes and eXposures Toolkit.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 45 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#).

Aguilar-Palma SK, et al. (2025) Characteristics influencing COVID-19 testing and vaccination among Spanish-speaking Latine persons in North Carolina. PloS one, 20(1), e0317794.

Horvath M, et al. (2024) Smartband-based smoking detection and real-time brief mindfulness intervention: findings from a feasibility clinical trial. Annals of medicine, 56(1), 2352803.

Newson JJ, et al. (2024) Leveraging big data for causal understanding in mental health: a research framework. Frontiers in psychiatry, 15, 1337740.

Richardson EM, et al. (2024) Patient-provider communication about cigarette and e-cigarette use during pregnancy: Adaptation and validation of frequency and quality of communication measures among a sample of pregnant patients. Tobacco prevention & cessation, 10.

Riepenhausen S, et al. (2024) Europe's Largest Research Infrastructure for Curated Medical Data Models with Semantic Annotations. *Methods of information in medicine*, 63(1-02), 52.

Kibe LW, et al. (2024) Assessing Food Access, Exercise, and Dietary History among Older African American Parishioners During the COVID-19 Pandemic (C-FED Study): Design, Opportunities, Challenges, and Lessons Learned. *Journal of racial and ethnic health disparities*, 11(4), 1857.

Venegas-Murillo AL, et al. (2023) Mitigating COVID-19 Risk and Vaccine Hesitancy Among Underserved African American and Latinx Individuals with Mental Illness Through Mental Health Therapist-Facilitated Discussions. *Journal of racial and ethnic health disparities*, 10(3), 1358.

Ives C, et al. (2023) Linking complex disease and exposure data-insights from an environmental and occupational health study. *Journal of exposure science & environmental epidemiology*, 33(1), 12.

Nekhlyudov L, et al. (2023) The PhenX Toolkit: standard measurement resources for cancer outcomes and survivorship research. *Journal of the National Cancer Institute*, 115(4), 473.

Blostein F, et al. (2023) Bacterial community modifies host genetics effect on early childhood caries. *medRxiv : the preprint server for health sciences*.

Yeh YH, et al. (2023) Discounting of delayed rewards: Missing data imputation for the 21- and 27-item monetary choice questionnaires. *PloS one*, 18(10), e0292258.

Namaky N, et al. (2023) Suicidal thoughts and behaviours among military veterans: protocol for a prospective, observational, neuroimaging study. *BMJ open*, 13(8), e070654.

Morton CC, et al. (2022) Tools for standardized data collection: Speech, Language, and Hearing measurement protocols in the PhenX Toolkit. *Annals of human genetics*, 86(1), 45.

Blostein F, et al. (2022) Evaluating the ecological hypothesis: early life salivary microbiome assembly predicts dental caries in a longitudinal case-control study. *Microbiome*, 10(1), 240.

Khazem LR, et al. (2021) The Marine Suicide Prevention and Intervention REsearch (M-SPIRE) study: A randomized clinical trial investigating potential treatment mechanisms for reducing suicidal behaviors among military personnel. *Contemporary clinical trials communications*, 21, 100731.

Cox LA, et al. (2021) Using the PhenX Toolkit to Select Standard Measurement Protocols for Your Research Study. *Current protocols*, 1(5), e149.

Krzyzanowski MC, et al. (2021) The PhenX Toolkit: Establishing Standard Measures for COVID-19 Research. *Current protocols*, 1(4), e111.

Pearson AL, et al. (2021) Increased Use of Porch or Backyard Nature during COVID-19 Associated with Lower Stress and Better Symptom Experience among Breast Cancer

Patients. International journal of environmental research and public health, 18(17).

, et al. (2021) ACNP 60th Annual Meeting: Poster Abstracts P551 - P830.  
Neuropsychopharmacology : official publication of the American College of  
Neuropsychopharmacology, 46(Suppl 1), 369.

Booker SQ, et al. (2021) The Imperative for Racial Equality in Pain Science: A Way Forward.  
The journal of pain, 22(12), 1578.