

# Resource Summary Report

Generated by T1D on Jul 29, 2026

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

**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;

ODP ;  
NINDS ;  
NCI

**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:** 20260729T044136+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 61 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

Gonzalez-Guarda RM, et al. (2025) Promoting inclusion in COVID-19 research for diverse Hispanic/Latino(x) populations: Recommendations from the RADx?? Underserved Populations Hispanic/Latino/Latinx working group. Journal of clinical and translational science, 9(1), e31.

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.

Shenoy S, et al. (2025) A road map for uniform, comprehensive long-term follow-up after curative therapy for sickle cell disease. Blood advances, 9(12), 3090.

Ives CL, et al. (2024) The PhenX Toolkit: Recommended Measurement Protocols for Social Determinants of Health Research. Current protocols, 4(3), e977.

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.

Bierut LJ, et al. (2023) Smoking cessation, harm reduction, and biomarkers protocols in the PhenX Toolkit: Tools for standardized data collection. *Addiction neuroscience*, 7.

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.

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

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.

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.

Krzyzanowski MC, et al. (2023) The PhenX Toolkit: Measurement Protocols for Assessment of Social Determinants of Health. *American journal of preventive medicine*, 65(3), 534.

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

Pan H, et al. (2022) Identifying Datasets for Cross-Study Analysis in dbGaP using PhenX. *Scientific data*, 9(1), 532.

Enlow MB, et al. (2022) .

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.