

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 21, 2026

## SignalBuddy

RRID:SCR\_021553

Type: Tool

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### Proper Citation

SignalBuddy (RRID:SCR\_021553)

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### Resource Information

**URL:** <https://edspace.american.edu/openbehavior/project/signalbuddy/>

**Proper Citation:** SignalBuddy (RRID:SCR\_021553)

**Description:** Portal related to signal generation. Provided system was developed by Columbia University scientists. System includes signal generator for scientific applications which generates digital or true analog signals (sine waves, step functions, and pulse trains) and can be controlled with intuitive serial monitor interface.

**Resource Type:** data or information resource, instrument resource, portal, project portal

**Keywords:** Instrument, signal generator, sine waves, step functions, pulse trains, OpenBehavior

**Availability:** Free, Freely available

**Resource Name:** SignalBuddy

**Resource ID:** SCR\_021553

**Record Creation Time:** 20220129T080356+0000

**Record Last Update:** 20260919T195454+0000

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### Ratings and Alerts

No rating or validation information has been found for SignalBuddy.

No alerts have been found for SignalBuddy.

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### Data and Source Information

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

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Shibata S, et al. (2026) Rotational trophoblast organoids reveal biomechanical regulation of trophoblast differentiation. Cell reports, 45(7), 117637.