

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

SignalBuddy

RRID:SCR_021553

Type: Tool

Proper Citation

SignalBuddy (RRID:SCR_021553)

Resource Information

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

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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: 20260905T132942+0000

Ratings and Alerts

No rating or validation information has been found for SignalBuddy.

No alerts have been found for SignalBuddy.

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 [PRECISE-TBI](#) .

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