**Homer2**

**RRID:** SCR_009586  
**Type:** Tool

**Proper Citation**

Homer2 (RRID:SCR_009586)

**Resource Information**

**URL:** [http://www.nmr.mgh.harvard.edu/DOT/resources/homer2/home.htm](http://www.nmr.mgh.harvard.edu/DOT/resources/homer2/home.htm)

**Proper Citation:** Homer2 (RRID:SCR_009586)

**Description:** Software matlab scripts used for analyzing fNIRS data to obtain estimates and maps of brain activation. Graphical user interface (GUI) for visualization and analysis of functional near-infrared spectroscopy (fNIRS) data.

**Synonyms:** Photon Migration Imaging toolbox, HOMER1

**Resource Type:** image analysis software, software application, software resource, data processing software

**Keywords:** Analysis, optical, imaging, fnirs, map, brain, activation, BRAIN Initiative

**Funding Agency:** NIBIB , NIBIB , NCRR

**Availability:** Free, Available for download, Freely available

**Resource Name:** Homer2

**Resource ID:** SCR_009586

**Alternate URLs:** [http://www.nitrc.org/projects/homer2](http://www.nitrc.org/projects/homer2), [https://homer-fnirs.org/](https://homer-fnirs.org/)

**Ratings and Alerts**

No alerts have been found for Homer2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Lacy M, et al. (2021) Cell-specific and divergent roles of the CD40L-CD40 axis in


Bloomfield PM, et al. (2021) Cerebral haemodynamics during simulated driving: Changes in workload are detectable with functional near infrared spectroscopy. PloS one, 16(3), e0248533.


