

Resource Summary Report

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Harmonized DRG and TG Reference Atlas

RRID:SCR_025720

Type: Tool

Proper Citation

Harmonized DRG and TG Reference Atlas (RRID:SCR_025720)

Resource Information

URL: https://painseq.shinyapps.io/harmonized_painseq_v1/

Proper Citation: Harmonized DRG and TG Reference Atlas (RRID:SCR_025720)

Description: Harmonized cell atlases using sc/snRNA-seq data obtained from dorsal root ganglia and trigeminal ganglio mammalian datasets.

Resource Type: atlas, data or information resource, reference atlas, software resource, source code

Defining Citation: [DOI:10.1126/sciadv.adj9173](https://doi.org/10.1126/sciadv.adj9173)

Keywords: Harmonized cell atlas, peripheral nervous system, RNA-Seq, dorsal root ganglion, trigeminal ganglia,

Related Condition: Pain

Funding: Barry Family Harvard Stem Cell Institute Award ;
Burroughs Wellcome Fund ;
BWH Neurotechnology Studio ;
BWH Women's Brain Initiative ;
Edwards PhD Studentship in Pain Research ;
MGB Gene and Cell Therapy Institute ;
Migraine Research Foundation ;
NEI U01EY034709;
NIDA DP1DA054343;
NINDS R01NS119476;
NINDS U19NS130607;
NINDS U19NS130608;
NINDS U19NS130617;
Rita Allen Foundation ;
Teva Pharmaceuticals

Availability: Free, Freely available

Resource Name: Harmonized DRG and TG Reference Atlas

Resource ID: SCR_025720

Alternate URLs: https://github.com/Renthal-Lab/harmonized_atlas

Record Creation Time: 20240914T053302+0000

Record Last Update: 20260904T000940+0000

Ratings and Alerts

No rating or validation information has been found for Harmonized DRG and TG Reference Atlas.

No alerts have been found for Harmonized DRG and TG Reference Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chakrabarti S, et al. (2026) Deep visual proteomics uncovers nociceptor diversity and pain targets. Nature communications, 17(1).

Li S, et al. (2026) Natural antisense transcript Nat9a suppresses Scn9a (NaV1.7) expression in parvalbumin-positive proprioceptive and inhibitory neurons. Scientific reports, 16(1).

Degiorgi S, et al. (2026) Kainate Receptors in Sensory Neurons: Molecular Identity and Functional Relevance to Pain. Neuroscience bulletin, 42(6), 1367.

Guan XY, et al. (2025) Promoter demethylation of cerebellin 2 by ten-eleven translocation 3 contributes to peripheral sensitization in trigeminal neuropathic pain of mice. The journal of headache and pain, 26(1), 160.