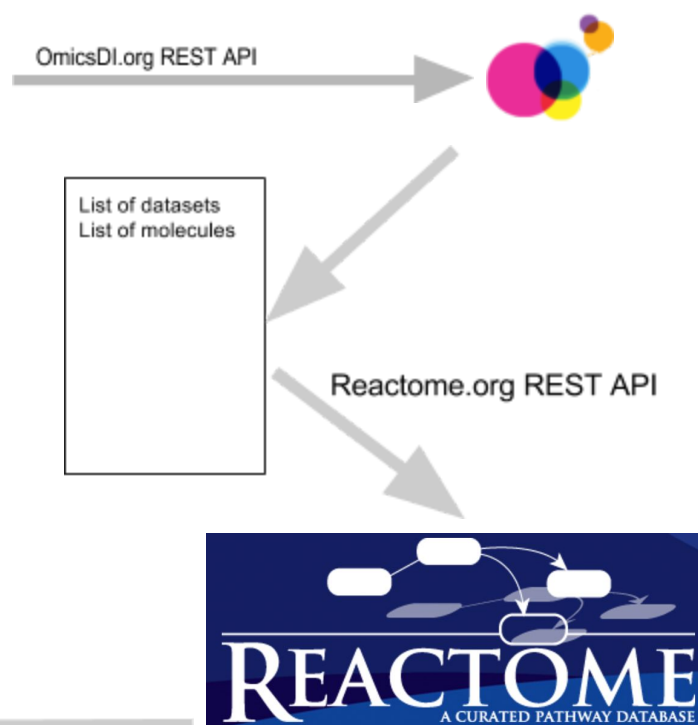


#CamHack17 #ProjectPathfinder - Lightweight, in-browser app for discovering publicly available datasets in relation to biological pathways. Angular2.

Welcome to Multiomics Pathway Analysis app!

Brain Cancer	<input type="text" value="Search"/>
Pathway	Datasets
Class B/2 (Secretin family receptors) R-HSA-373080 (49 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
G alpha (s) signalling events R-HSA-418555 (13 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
GPCR ligand binding R-HSA-500792 (13 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
GPCR downstream signaling R-HSA-388396 (13 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
Signaling by GPCR R-HSA-372790 (13 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
Signal Transduction R-HSA-162582 (13 datasets)	Multiomics: EGAS00001000215 phs000249.v1.p1 EGAO000000000298 EGAO000000000024 phs000178.v6.p6 EGAS00001000565 EGAS00001000381 EGAO000000000029 EGAC00001000217 EGAS00001000737 EGAC0000010
Dermatan sulfate biosynthesis R-HSA-2022923 (1 datasets)	Proteomics: PXD006027
Chondroitin sulfate/dermatan sulfate metabolism R-HSA-1793185 (1 datasets)	Proteomics: PXD006027
Neutrophil degranulation R-HSA-6798695 (2 datasets)	Proteomics: PAe005158 PAe004727

List of pathways, with associated datasets



Resources: <http://www.OmicsDI.org> - Omics Discovery Index of heterogeneous dataset repositories.

<http://www.Reactome.org> - Curated database of biological pathways.

Source code: <https://github.com/helioraptor/Pathfinder>

Test app: <https://pathfinder-72b30.firebaseio.com/>

