

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

pSTIING

RRID:SCR_002045

Type: Tool

Proper Citation

pSTIING (RRID:SCR_002045)

Resource Information

URL: <http://pstiing.icr.ac.uk/>

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Description: A publicly accessible knowledgebase about protein-protein, protein-lipid, protein-small molecules, ligand-receptor interactions, receptor-cell type information, transcriptional regulatory and signal transduction modules relevant to inflammation, cell migration and tumourigenesis. It integrates in-house curated information from the literature, biochemical experiments, functional assays and in vivo studies, with publicly available information from multiple and diverse sources across human, rat, mouse, fly, worm and yeast. The knowledgebase allowing users to search and to dynamically generate visual representations of protein-protein interactions and transcriptional regulatory networks. Signalling and transcriptional modules can also be displayed singly or in combination. This allow users to identify important "cross-talks" between signalling modules via connections with key components or "hubs". The knowledgebase will facilitate a "systems-wide" understanding across many protein, signalling and transcriptional regulatory networks triggered by multiple environmental cues, and also serve as a platform for future efforts to computationally and mathematically model the system behavior of inflammatory processes and tumourigenesis.

Abbreviations: pSTIING

Synonyms: Protein Signalling Transcriptional Interactions and Inflammation Networks Gateway, Protein Signalling Transcriptional Interactions & Inflammation Networks Gateway

Resource Type: database, data or information resource

Defining Citation: [PMID:16381926](#)

Keywords: protein-protein, protein-lipid, protein-small molecule, ligand-receptor interaction, receptor-cell type, transcriptional regulatory module, signal transduction module, inflammation, cell migration, tumorigenesis, protein-protein interaction,

transcriptional regulatory network, signalling pathway, interaction, protein interaction, motif, domain, protein, gene

Related Condition: Inflammation, Tumor, Cancer

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: pSTIING

Resource ID: SCR_002045

Alternate IDs: OMICS_01916

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260725T191120+0000

Ratings and Alerts

No rating or validation information has been found for pSTIING.

No alerts have been found for pSTIING.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kai Y, et al. (2014) Reciprocal effects between microRNA-140-5p and ADAM10 suppress migration and invasion of human tongue cancer cells. Biochemical and biophysical research communications, 448(3), 308.

Liu D, et al. (2010) Tumor necrosis factor receptor-associated protein 1(TRAP1) regulates genes involved in cell cycle and metastases. Cancer letters, 296(2), 194.