

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

LLPSDB

RRID:SCR_024966

Type: Tool

Proper Citation

LLPSDB (RRID:SCR_024966)

Resource Information

URL: <http://bio-comp.org.cn/llpsdb/home.html>

Proper Citation: LLPSDB (RRID:SCR_024966)

Description: Database of proteins undergoing liquid–liquid phase separation in vitro. Contains LLPS related proteins together with the corresponding phase separation conditions validated by experiments.

Synonyms: Liquid Liquid Phase Separation DataBase

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1093/nar/gkz778](https://doi.org/10.1093/nar/gkz778)

Keywords: proteins, liquid–liquid phase separation in vitro, LLPS, Liquid Liquid Phase Separation related proteins,

Funding: National Natural Science Foundation of China

Availability: Free, Freely available

Resource Name: LLPSDB

Resource ID: SCR_024966

Record Creation Time: 20240201T171710+0000

Record Last Update: 20260829T183351+0000

Ratings and Alerts

No rating or validation information has been found for LLPSDB.

No alerts have been found for LLPSDB.

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 [PRECISE-TBI](#) .

Shen H, et al. (2026) Phase separation in plants: mechanisms, functions, and a simplified workflow for investigation. *Frontiers in plant science*, 17, 1858323.

Kappel K, et al. (2025) Characterizing protein sequence determinants of nuclear condensates by high-throughput pooled imaging with Condenseq. *Nature methods*, 22(7), 1464.

Jia Y, et al. (2025) A phase separation-related gene signature for prognosis prediction and immunotherapy response evaluation in gastric cancer with targeted natural compound discovery. *Discover oncology*, 16(1), 1393.

Liu Q, et al. (2024) Liquid-liquid phase separation in plants: Advances and perspectives from model species to crops. *Plant communications*, 5(1), 100663.