# Resource Summary Report

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## TRANSCompel

RRID:SCR_007966
Type: Tool

### Proper Citation

TRANSCompel (RRID:SCR_007966)

### Resource Information

**URL:** http://www.gene-regulation.com/pub/databases.html#transcompel

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**Description:** A database on composite regulatory elements affecting gene transcription in eukaryotes. Composite regulatory elements consist of two closely situated binding sites for distinct transcription factors, and provide cross-coupling of different signalling pathways.TRANSCompel was created by a commercial entity, but is usable by the academic community on a limited bases for free. Composite regulatory elements are found in many promoters and enhancers of eukaryotic genes. They consist of two binding sites of two different transcription factors, which through this combination form a module with new regulatory properties. Composite elements frequently serve as integration sites of two (or more) signaling pathways.TRANSCompel is equipped with our proprietary CATCH program, an analysis software for searching potential composite elements in DNA sequences. A sequence under study is scanned by this program using all composite elements collected in TRANSCompel as individual searching patterns. All found matches are directly linked to the TRANSCompel entries containing the corresponding composite elements.

**Synonyms:** TRANSCompel

**Resource Type:** database, data or information resource

**Funding:**

**Resource Name:** TRANSCompel

**Resource ID:** SCR_007966

**Alternate IDs:** nif-0000-03575

**Record Creation Time:** 20220129T080244+0000

**Record Last Update:** 20250517T055844+0000

## Ratings and Alerts

No rating or validation information has been found for TRANSCompel.

No alerts have been found for TRANSCompel.

## 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 FDI Lab - SciCrunch.org.

Coulibaly I, et al. (2008) Bioinformatic tools for inferring functional information from plant microarray data II: Analysis beyond single gene. International journal of plant genomics, 2008, 893941.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.