Accessing GENE-TOX Content from PubChem

GENE-TOX content are migrated to PubChem. Follow the steps below to find the GENE-TOX content in PubChem.

- 1. Start a GENE-TOX search by searching PubChem
 - a. Clicking on the <u>GENE-TOX in PubChem</u> link on the <u>TOXNET transition page</u>, OR
 - b. Clicking on the <u>3,214 Live Substances</u> link on the <u>PubChem data source page for GENE-</u><u>TOX</u>.
- The link will take you to PubChem Substance search results page. Enter a chemical search term followed by "AND" without the quotes before the "Genetic Toxicology Data Bank (GENE-TOX)" term.

Example								
	S NCBI Resources 🖸	NCBI Resources 🗹 How To 🖸						
	PubChem	PubChem Substance V ketoprofen AND "Genetic Toxicology Data Bank (GENE-TOX)"[SourceName] AND hasnohold[filt] Search						
	Substance	Create alert Limits Advanced	Help					

3. Clicking on the chemical in the search results will take you to the PubChem Substance record page from the source GENE-TOX.

PubChem SID:	363897928
PubChem CID:	3825 (Ketoprofen) Related Records
Structure:	2D
Source:	Genetic Toxicology Data Bank (GENE-TOX)
External ID:	22071-15-4

4. In the "Contents" table, click on "Biological Test Results". In the **BioAssay Results** table, click on any of the links in the **Activity** column.

5 Biol	ogical Tes	t Result	S		0 2
5.1 Bio	Assay Resul	ts			? ⊿
1 item View	w More Details 🔀				🛓 Download
Activity	Activity Value, µM	Activity Type	Target Name	BioAssay Name	BioAssay AID
Active	-			GENE-TOX mutagenicity studies	1259408

5. Now you are at PubChem BioAssay page for this chemical and this type of bioassay.

This page summarizes the biological test results for the substance **ketoprofen** SID 363897928; CID 3825) tested in the bioassay **GENE-TOX mutagenicity studies** (AID 1259408).

6. Scroll down to the **Test Results** section. Here you will see all the results of this type of bioassay for this chemical.

test result	t							<u>+</u>	Download
Activity	Score	Species/Cell Type	Sex	Assay Type	Assay Code	Results	Activation	Dose Response	Panel Report
Active		Human lymphocytes		Sister- chromatid exchange (SCE) in vivo	SCY+	Positive			