**CTD Gene Disease Resource Access Tool**

1. **Introduction :**

A public database that enhances understanding about the effects of environmental chemicals on human health. In detail, it contains information about gene/protein-disease associations, chemical-disease associations, interactions between chemicals and genes/proteins, as well as the related pathways.

1. **Implementation Details:**

* URL : <http://ctdbase.org/>
* Element URL :<http://ctdbase.org/detail.go?type=disease&acc>=
* Logo URL : <http://neurolex.org/w/images/b/bb/CTD.PNG>
* Resource name : **CTD** **Gene Disease (via NIF)**
* Resource ID : **CTDGD**
* Contexts :

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Context Name** | **Weight (Assumed)** |
| 1 | Gene Symbol | 1.0 |
| 2 | GeneID | 0.9 |
| 3 | DiseaseName | 0.8 |
| 4 | DirectEvidence | 0.7 |
| 5 | InferenceChemicalName | 0.6 |
| 6 | InferenceScore | 0.5 |
| 7 | OmimIDs | 0.4 |
| 8 | PubMedIDs | 0.3 |

1. **Data URLs:**

* http://ctdbase.org/reports/CTD\_genes\_diseases.tsv.gz

1. **References:**

* Home page: <http://ctdbase.org/>
* Tutorial : <http://www.neuinfo.org/tutorials/ctd/ctd_tutorial.shtm>
* Wiki link: <http://neurolex.org/wiki/Category:Resource:Comparative_Toxicogenomics_Database>