

# Pathway Download Help - TSV

The files in this archive are tabular representations of the relationships in the pathways. There is one file for each annotated pathway. The file is named with identifier and name PharmGKB uses for the pathway.

Each row in the table represents one relationship found in the pathway. The columns are defined as follows:

1. From = the originating entity of this relation
2. To = the destination entity of this relation
3. Reaction Type = reaction represented, possible values:
  - Interaction
  - Template Reaction
  - Leads To
  - Comes From
  - Conversion
  - Biochemical Reaction
  - Complex Assembly
  - Degradation
  - Transport
  - Control
  - Activation
  - Catalysis
  - Inhibition
4. Controller = the gene(s) controls for this conversion, comma-separated
5. Control Type = the type(s) of controls for this conversion, comma-separated
6. Cell Type = the type of cell this conversion takes place in
7. PubMed Id = cited PubMed reference IDs for this conversion, comma-separated
8. Genes = the genes that are part of this relation
9. Drugs = the drugs and chemicals that are part of this relation
10. Diseases = the diseases and phenotypes that are a part of this relation