

# Drug Label Download Help

This archive contains information about drug label annotations written by PharmGKB. It includes two summary tab-separated value (TSV) files grouped in two different ways.

## drugLabels.tsv

This summary file lists one label annotation per line with the columns defined below

You can read more about Testing Level definitions at <https://www.pharmgkb.org/page/drugLabelLegend>.

1. PharmGKB ID = Identifier assigned to this drug label by PharmGKB
2. Name = Name assigned to the label by PharmGKB
3. Source = The source that originally authored the label (e.g. FDA, EMA)
4. Biomarker Flag = "On" if drug in this label appears on the FDA Biomarker list; "Off (Formerly On)" if the label was on the FDA Biomarker list at one time; "Off (Never On)" if the label was never listed on the FDA Biomarker list (to PharmGKB's knowledge)
5. Testing Level = PGx testing level as annotated by PharmGKB based on definitions at <https://www.pharmgkb.org/page/drugLabelLegend>
6. Has Dosing Info: The label provides a dose adjustment based on gene/protein/chromosomal variants or phenotypes (e.g. "poor metabolizers") and does not equivocate on that dose adjustment. The label may also state that a dose adjustment is "required" or "should be given". This tag is not used if the label only states that a dose adjustment "should be considered".
7. Has Alternate Drug: The label states that a drug is either indicated or contraindicated for a particular set of patients based on gene/protein/chromosomal variants or phenotypes (e.g. "poor metabolizers"). The label may also use language stating that the drug "should be avoided" or "should not be used" in a particular set of patients. This tag is not used if the label only states that a drug "should be used with caution" or a different drug "should be considered" or is "recommended" in a particular set of patients.
8. Cancer Genome: The label discusses a gene or variant present in a tumor/cancer cell

## drugLabels.byGene.tsv

This summary TSV file lists one gene per line with all labels related to that gene grouped on that line.

1. Gene ID = Identifier assigned to the gene by PharmGKB
2. Gene Symbol = HGNC symbol for the gene
3. Label IDs = A list of PharmGKB identifiers for labels that are related to this gene, comma-separated
4. Label Names = A list of names for labels that are related to this gene, comma-separated