Helpfile for the validation of SBtab files

Creating SBtab files is a straightforward task, but it is crucial to have an eye on the details. If the syntax is not followed precisely, the automated tasks (like SBML conversion) cannot be processed. On our website you can upload your SBtab file and automatically validate it. The online validator should help you with all general problems in the creation of SBtab files by showing you a list that holds all the issues of your file:

Online Validator

Upload SBtab file (.tsv, .csv, .xls): [Datei auswählen] Keine ausgewählt
[Submit]

SBtab files that belong to the document **Test**

• sbtab_reaction_single_Reaction.tsv   [Validate] [Remove]

File validation of sbtab_reaction_single_Reaction.tsv:
The name of the SBtab table is not defined. Line: !!SBtab Level='1' Version='0.1' Document='Test' TableType='Reaction'
The SBtab file has an unknown column: !GeneName. Please use only supported column types!
The SBtab file has an unknown column: !MetabolicRegulators. Please use only supported column types!
An identifier for a data row must not begin with "+" or "-": ['R2', 'F16P + 2 H2O <=> F6P + Pi', 'R01015', 'fbp', '+ ATP', 'extracellular', '', 'Hill kinetic', 'True', 'True']

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In very rare cases you will get the error message:

“The file that you uploaded is no SBtab file. Please only use .tsv, .csv, or .xls format. If it still does not work out, please consult the SBtab specification.”

If this is the case, please first verify that you are using one the supported file formats for your SBtab file (.csv, .tsv, .xls). If the problem persists, something elementary seems to be wrong with the syntax of your SBtab file. Please consult the SBtab specification that you can find on our website to build a new file. You can also have a look at the example SBtab files which we provide. They should be a good starting point on building your own SBtab.

The SBtab developpers will be happy to answer you any further questions which are not explained either in this manual or in the SBtab specification:

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