

Build and Modify Process Diagram

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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We will learn to :



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We will learn to :

- **Use Macros**



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- **Move Components on the draw area**



Learning Objectives

We will learn to :

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- **Move Components on the draw area**
- **Connect a reaction line around a species**



Learning Objectives



Learning Objectives

We will also learn to :



Learning Objectives

We will also learn to :

- **Align and extend a reaction line**



Learning Objectives

We will also learn to :

- Align and extend a reaction line
- **Add a Product and a Reactant**



System Requirement



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- **Ubuntu Linux OS 14.04**



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- **CellDesigner version 4.3**



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- **Java 1.7**



Pre -requisites



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Learners should be familiar with:



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- **Undergraduate Biochemistry**



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- **CellDesigner interface**



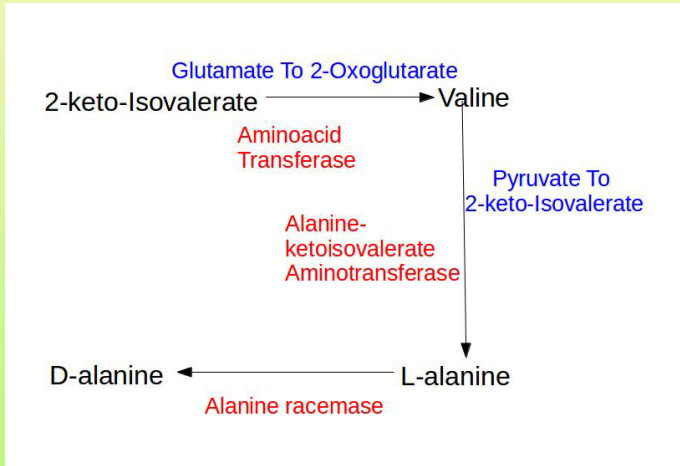
Pre -requisites

Learners should be familiar with:

- Undergraduate Biochemistry
- CellDesigner interface
- If not, for relevant CellDesigner tutorials, please visit <http://spoken-tutorial.org>



Conventional diagram for Alanine biosynthesis



Summary



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Assignment

Build a Process Diagram for Methionine Biosynthesis using tools in CellDesigner

- 1 Explore the Macros for GTP/GD
- 2 Find out how to create a 'Curve' reaction line

Hint: Go to 'Color and shape',
under the frame 'Type',
select 'Curve Line'



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team:

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Acknowledgements

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- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

