

Welcome to the Eterna Wiki

[Eterna(link)] is a game where players become citizen scientists, working together to better understand and predict the behavior of RNA.

The Eterna Wiki was created by players to collect and share knowledge about puzzles and lab projects. A lock next to a link indicates a non-Wiki page. Since our spam filter currently is broken, contact LFP6 to establish a Wiki account (or reactivate an old account) in order to help edit this site.

Intro

- Getting Started on Eterna
- Dictionary
- Frequently asked questions
- LinkBot - How to summon links in chat

Game Play Resources

- Puzzle Walkthroughs
- Player-created Guides
- Tips and Tricks
- Puzzle Maker
- Eterna Lab Process
- Resources for Educators

Technical Resources

- Computational Tools (currently lists external sites, move to different portal)
- Script Documentation
- EternaJS release notes
- Github?

Eterna Community

- Eternacon 2019
- Dev chat transcripts (2013-present)
- Das Lab Open Meeting archive (2014-2015)
- Forum

- Discord
- Eterna Players Alliance
- Wiki Groups - not currently active
- Code of Conduct
- Wiki edits - How to edit this Wiki

Random Fun

- Blog Links
- Quotes and Jokes
- Press Coverage

(End landing page)

Possible portals that will be listed in left margin menu (Resources for Players):

Science - Base pair, Ribosome, RNA folding energetics, How to understand free energy, Aptamer, Backbone, Codons (base triplets)

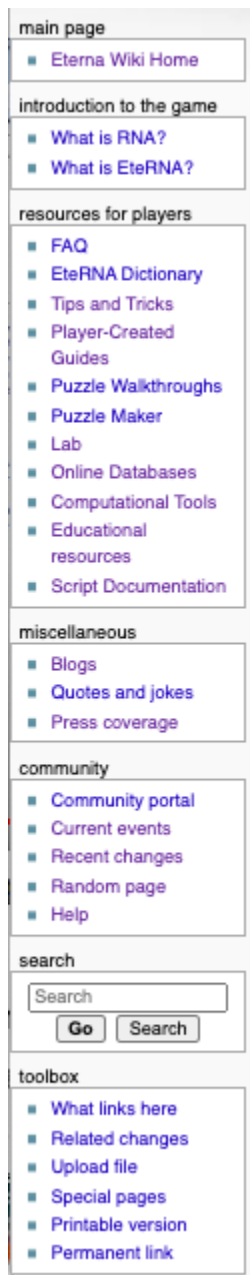
Definitions - This page already exists. Several definitions, such as Messenger RNA, need improvement. Terms can link to Wikipedia if no one wants to write a definition.

Puzzle Strategies - Puzzle, Puzzle Maker, Switching Area, Base Pair Flipping

Understanding lab data analysis - How to read SHAPE data, Visualization tools. Move Computational Tools and Online Databases here.

Eterna tools - Adding a booster, Writing a script, Flash API for Boosters, How to use dot plot, [ArcPlot](#),

Split 'Player-created guides' into Puzzle guides and Lab guides and combine with other pages.



The resource list repeats what is listed on Main Page. Replace these with 4-5 portals or categories such as the Science portal Jonathan proposed in the Forum.

Remove miscellaneous and community completely. This would move the search box up into a higher position of prominence.

Pages that need to be written:

RNA viruses - linked from RNA page

Roles of RNA in Cellular Life - linked from RNA page

Energy model - linked from FAQ

Folding traps - linked from FAQ

Watson-Crick base pair - linked from Dictionary

MS2 - linked from Dictionary
Secondary structure prediction tools?

Pages to update:

What is Eterna - Remove Carnegie Mellon? Update simulation models?

FAQ

Dictionary - several terms need a definition or deletion

Lab - such as "Each player may submit 3 sequence"

Puzzle Design (maybe delete page)

Switch Puzzle (or delete)

Switching Area - needs second image

Pages to place on a portal

RNA Structure (or RNA page)

Portal - Puzzle Strategies

[[Puzzle]] - Explains types of puzzles

[[Base Pair Flipping]]

[Basic switch](#) (that I can paste into Wiki)

[Meech's strategy for switches](#)

[Eli's switch puzzle tips](#)

[Nando's switch training series](#)

[[Switch puzzle guides]]

[[Puzzle Maker]]