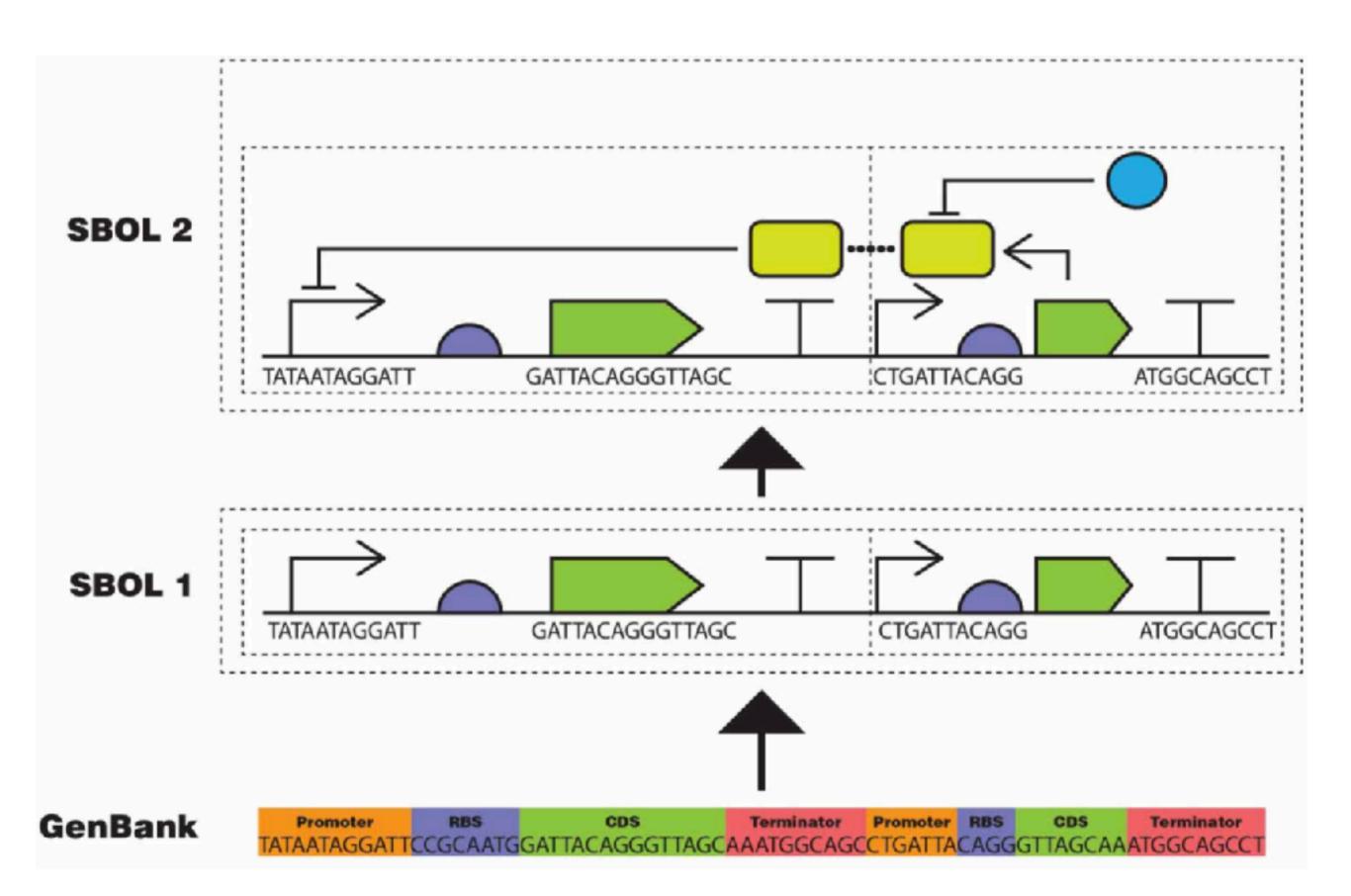
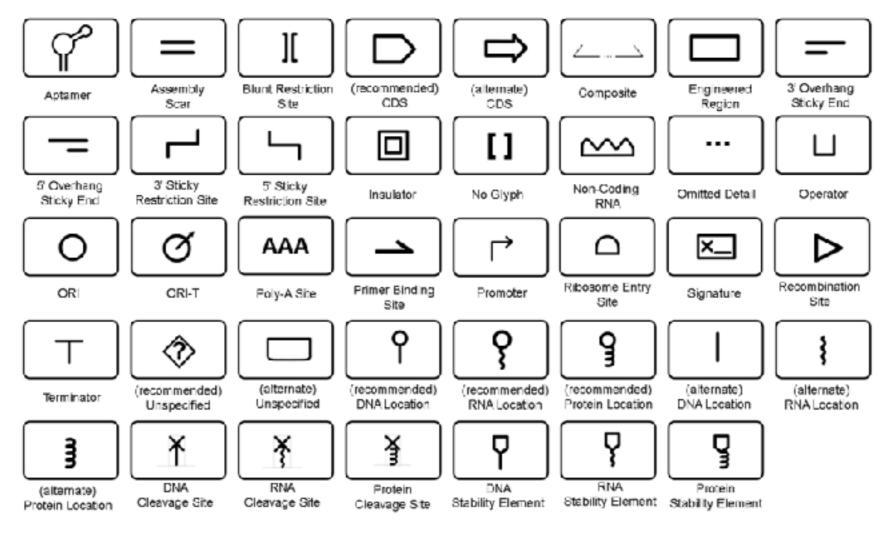
SBOL Visual

Thomas Gorochowski



SBOL Visual 2.0 Glyphs

Nucleic Acid Glyphs



Molecular Species Glyphs



Superpose Glyphs Complex



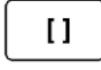
(alternate) Complex



(recommended) Macromolecule



(alternate) Macromolecule



No Glyph



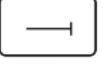
Nucleic Acid (Generic)



Control



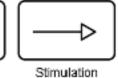
Degradation

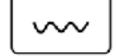


Interaction Glyphs

Inhibition







Nucleic Acid (1-Strand)



Nucleic Acid (2-Strand)



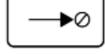
Small Molecule



(recommended) Unspecified



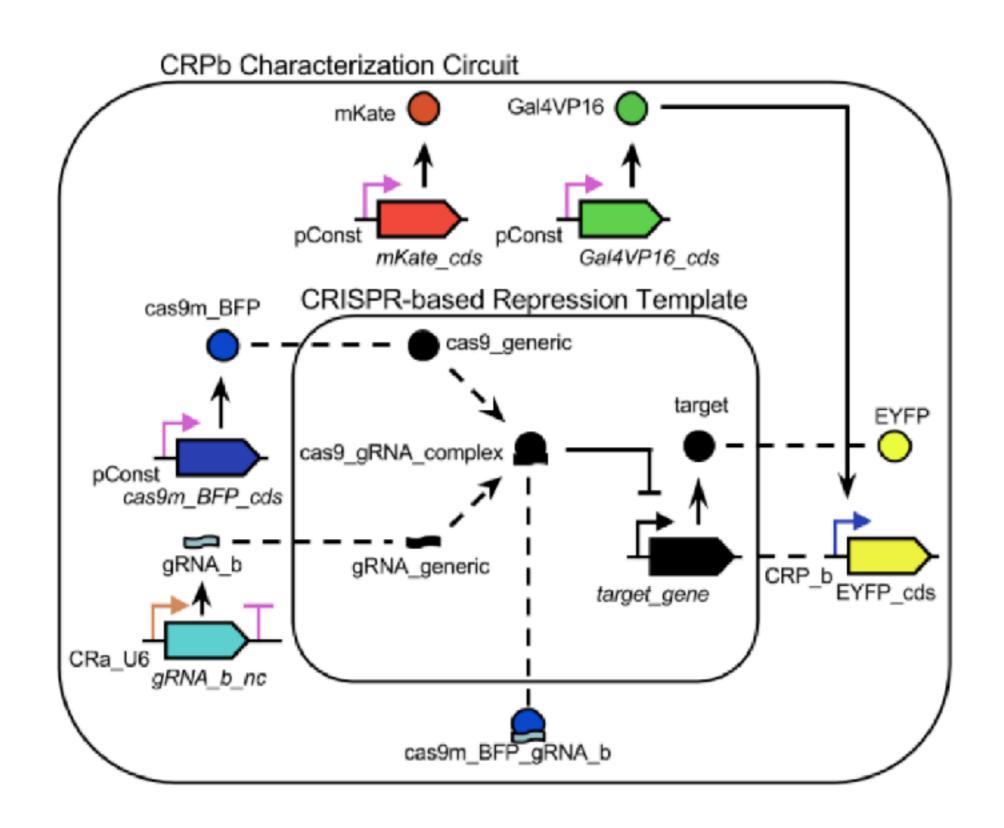
(alternate) Unspecified





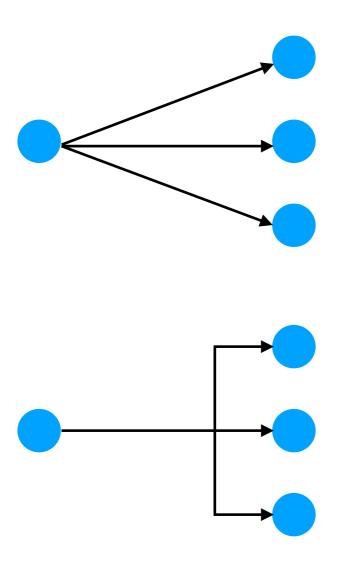


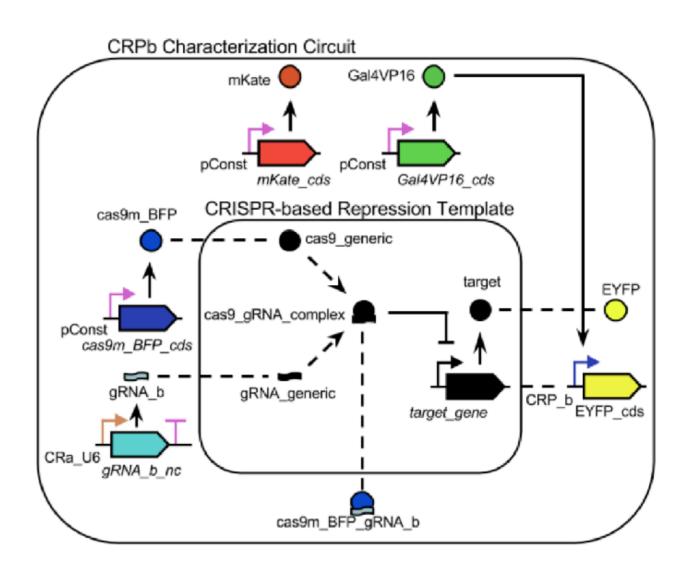
How to Handle Complex Designs?



SBOL Visual 2.1

- Interactions
 - Multiple origins and sources
- Visualisation of Modules, Hierarchy and MapsTo





SBOL Visual 3.0

Parametric Glyphs Library

- Machine-readable format with allowed variants
- Adapted Parametric-SVG? (http://parametric-svg.js.org)
- Automated build of preview pages upon commit

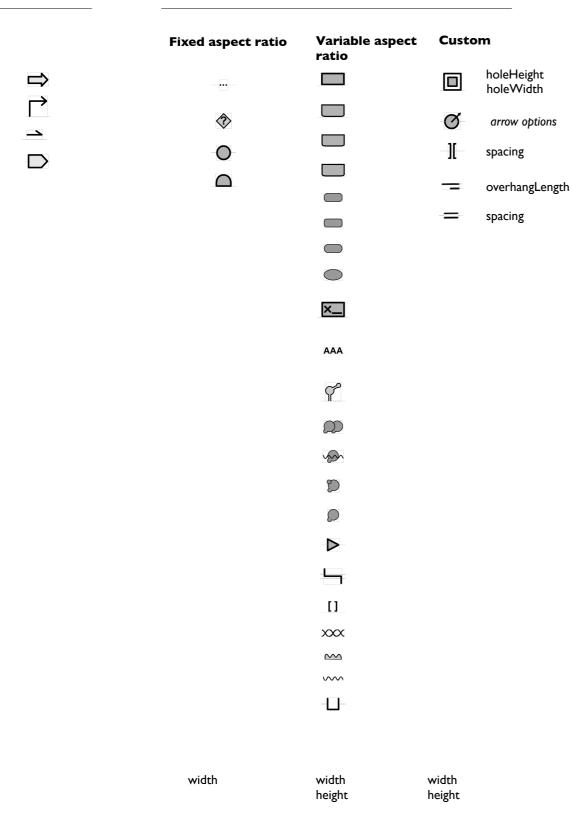
Requirements when Submitting a Glyph

- SBO terms in addition to BioPAX?
- Parametric definition of glyph?

Examples Library – Visual Unit Tests?

SBOL Visual Activities for HARMONY

- SBOL Visual Paper (Actions?)
 - "Communicating Structure and Function in Synthetic Biology Diagrams"
- SBOL 2.1 Spec Updates
- Generation of Standardised SVG Glyphs



No Top	Non-Arrow Top	Arrow Top
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	¥	7
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ailHeight	tailHeight	tailHeight