

Cleavage Site

Associated SO term(s)

SO:0001956 (Protease Site)

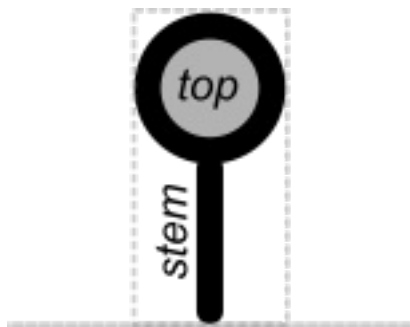
SO:0001977 (Ribonuclease Site)

SO:0001688 (Restriction Enzyme Cleavage Junction), SO:0001687 (Restriction Enzyme Recognition Site)

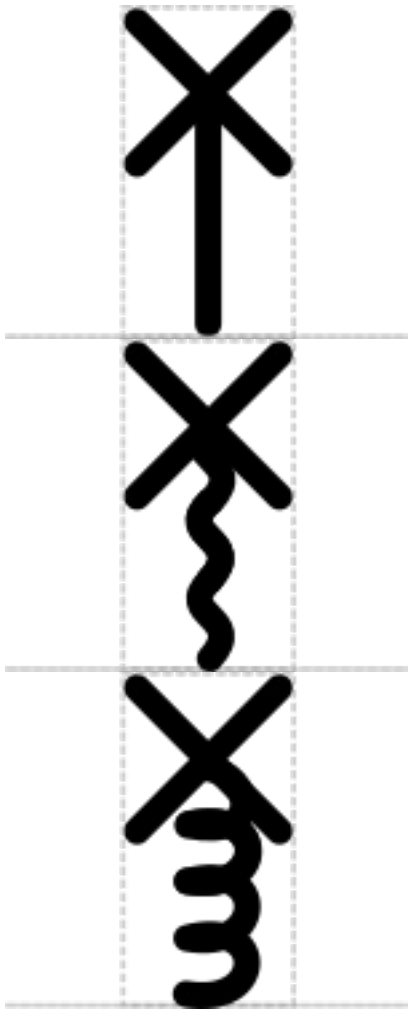
Recommended Glyph and Alternates

Cleavage Site is a "stem-top" glyph for describing small sites. In this system:

- the top glyph indicates the type of site (e.g., Cleavage Site)
- the stem glyph indicates whether the site affects DNA, RNA, or protein (respectively: straight, wavy, or looped)



The Cleavage Site top is an "X" suggesting slicing on top of a stem connecting to the backbone at the point where cleavage will occur (left to right: DNA, RNA, Protein):



Prototypical Example

RNAse E site, BamHI

Notes

Cleavage Site previously also associated with SO:0000061, but that was incorrect, since that term refers specifically to the binding site and *not* the location of cleavage)

This glyph is also backwards compatible with the SBOL Visual 1.0 glyph for Restriction Site, as that is covered by the Biopolymer Location glyph. The SBOL Visual 1.0 glyphs for Protease Site and Ribonuclease Site, however, are obsolete and superseded by the new system.