

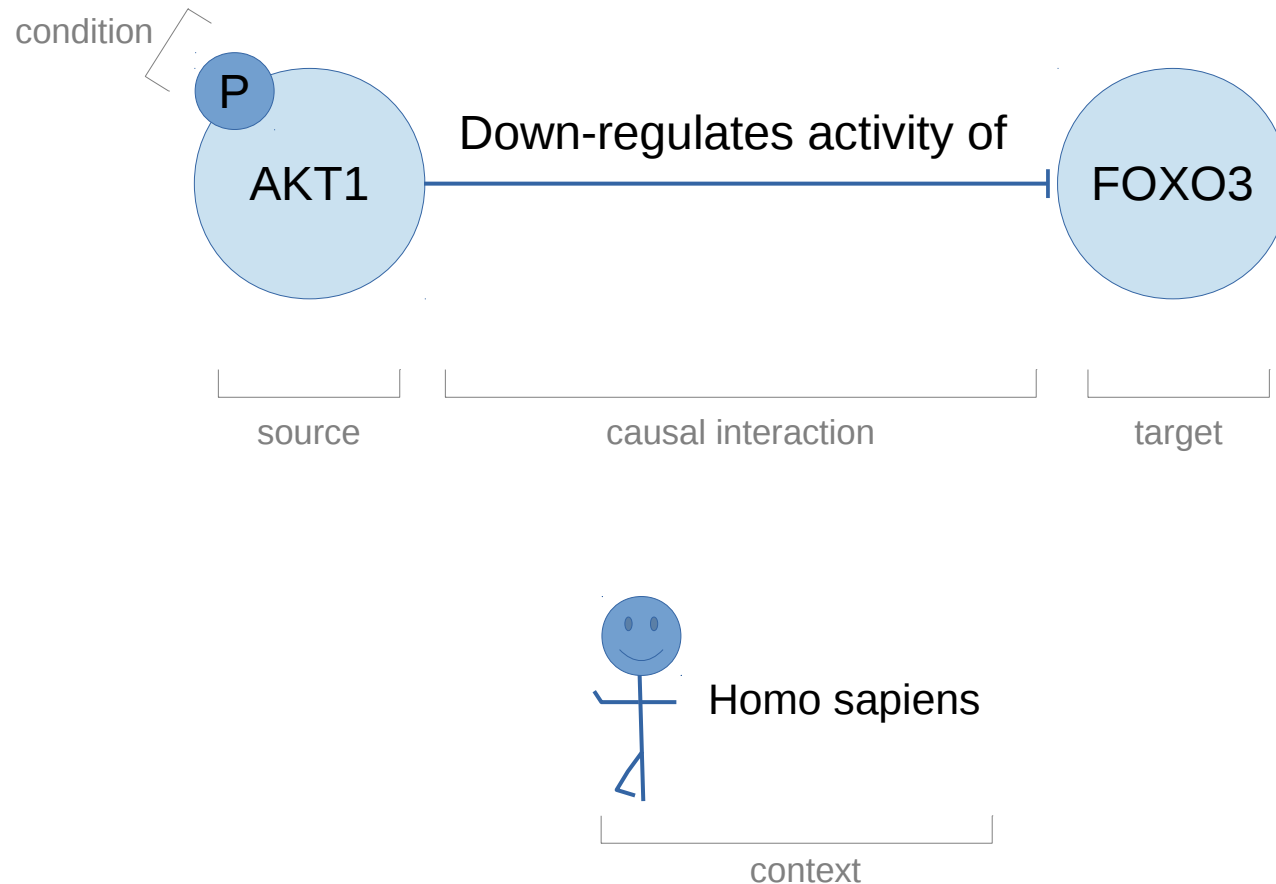
MICAST, Minimum Information for Causality Statement

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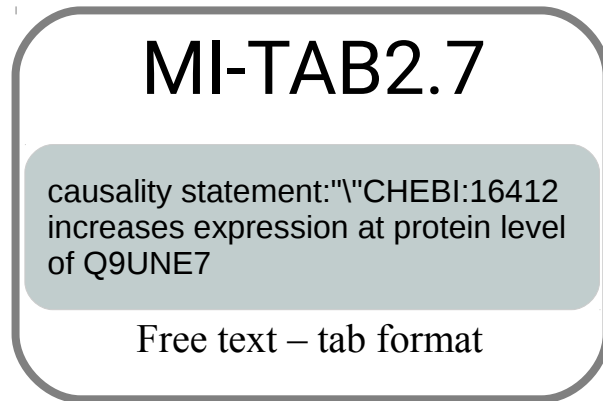
What is a causal statement?

Causal interaction between biological entities (gene, RNA, protein, etc...)

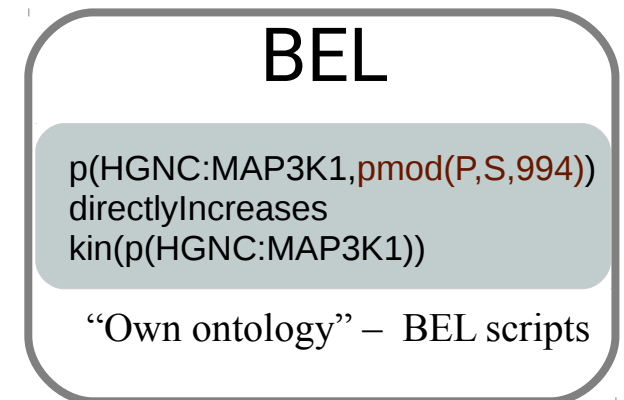
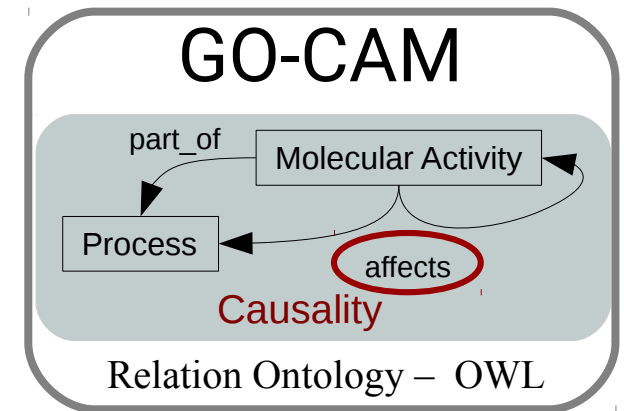
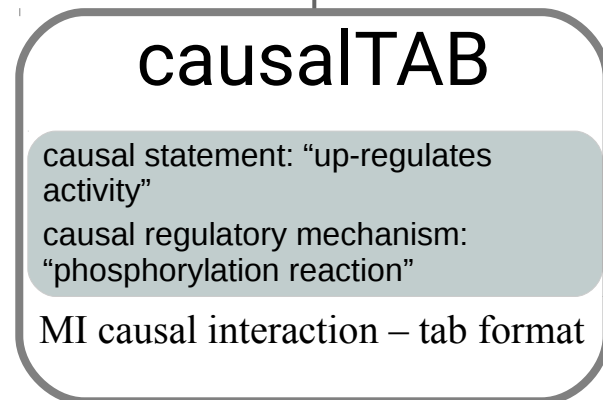


How is causality handled today?

Existing representations of causality in Systems/Molecular Biology



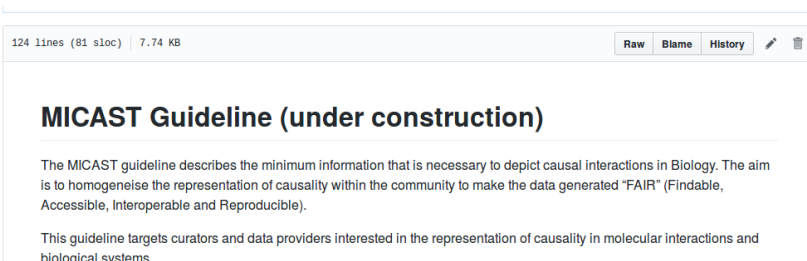
extensionOf



The MICAST guideline

Structuring and homogenizing the representation of causality

Entity		Causal Interaction		Context	
Identifier	Case specific	Regulation	?	Species	TaxID
Name	String	Mechanism	MI interaction type	Cell Line	BRENDA
Type	MI	Localisation	GO:CC	Tissue Type	
Activity?		Evidence	ECO	Cell Type	
		Reference	Pubmed ID	Anything else?	
		Text	String		



→ <https://github.com/vtoure/MICAST/>