

	Current Predicate	Hierarchy		new predicate	qualified_predicate	object_aspect	object_direction
affects				affects			
	regulates			regulates			
		negatively_regulates		regulates	causes	activity or abundance	decreased
		positively_regulates		regulates	causes	activity or abundance	increased
	affects_abundance_of			affects		abundance	
		decreases_abundance_of		affects	causes	abundance	decreased
			decreases_synthesis_of	affects	causes	synthesis	decreased
			decreases_expression_of	affects	causes	expression	decreased
			increases_degradation_of	affects	causes	degradation	increased
		increases_abundance_of		affects	causes	abundance	increased
			increases_synthesis_of	affects	causes	synthesis	increased
			increases_expression_of	affects	causes	expression	increased
			decreases_degradation_of	affects	causes	degradation	decreased
		affects_synthesis_of		affects		synthesis	
			decreases_synthesis_of	affects	causes	synthesis	decreased
			increases_synthesis_of	affects	causes	synthesis	increased
		affects_expression_of		affects		expression	
			decreases_expression_of	affects	causes	expression	decreased
			increases_expression_of	affects	causes	expression	increased
		affects_degradation_of		affects		degradation	
			decreases_degradation_of	affects	causes	degradation	decreased
			increases_degradation_of	affects	causes	degradation	increased
	affects_activity_of			affects		activity	
		decreases_activity_of		affects	causes	activity	decreased
		increases_activity_of		affects	causes	activity	increased
	affects_expression_in			affects			
	affects_folding_of			affects		folding	
		decreases_folding_of		affects	causes	folding	decreased
		increases_folding_of		affects	causes	folding	increased
	affects_localization_of			affects		localization	
		decreases_localization_of		affects	causes	localization	decreased
		increases_localization_of		affects	causes	localization	increased

	affects_metabolic_processing_of			affects		processing	
		decreases_metabolic_processing_of		affects	causes	localization	decreased
		increases_metabolic_processing_of		affects	causes	localization	increased
	affects_molecular_modification_of			affects		molecular modification	
		decreases_molecular_modification_of		affects	causes	molecular modification	decreased
		increases_molecular_modification_of		affects	causes	molecular modification	increased
	affects_mutation_rate_of			affects		mutation rate	
		decreases_mutation_rate_of		affects	causes	mutation rate	decreased
		increases_mutation_rate_of		affects	causes	mutation rate	increased
	affects_splicing_of			affects		splicing	
		decreases_splicing_of		affects	causes	splicing	decreased
		increases_splicing_of		affects	causes	splicing	increased
	affects_stability_of			affects		stability	
		decreases_stability_of		affects	causes	stability	decreased
		increases_stability_of		affects	causes	stability	increased
	affects_transport_of			affects		transport	
		decreases_transport_of		affects	causes	transport	decreased
		increases_transport_of		affects	causes	transport	increased
		affects_uptake_of		affects		uptake	
			decreases_uptake_of	affects	causes	uptake	decreased
			increases_uptake_of	affects	causes	uptake	increased
		affects_secretion_of		affects		secretion	
			decreases_secretion_of	affects	causes	secretion	decreased
			increases_secretion_of	affects	causes	secretion	increased