

Annotation at DNA level

- Origin of DNA variation

VariO:0128 variation affecting DNA

VariO:0129 DNA variation type

VariO:0127 DNA variation origin

VariO:0146 DNA variation of non-genetic origin

VariO:0172 artificial DNA variation

- DNA variation classification

VariO:0128 variation affecting DNA

VariO:0129 DNA variation type

VariO:0322 DNA variation classification

VariO:0135 DNA chain variation

VariO:0136 DNA substitution

Annotation at RNA level

- Origin of RNA variation

VariO:0297 variation affecting RNA

VariO:0306 RNA variation type

VariO:0324 RNA variation origin

VariO:0307 RNA variation of genetic origin

- RNA variation classification

VariO:0297 variation affecting RNA

VariO:0306 RNA variation type

VariO:0328 RNA variation classification

VariO:0312 RNA nucleotide substitution

VariO:0308 missense variation

Annotation at protein level

- Origin of protein variation

VariO:0002 variation affecting protein

VariO:0012 protein variation type

VariO:0324 protein variation origin

VariO:0013 protein variation of genetic origin

- Protein variation classification

VariO:0002 variation affecting protein

VariO:0012 protein variation type

VariO:0325 protein variation classification

VariO:0021 amino acid substitution

VariO:0146 DNA variation of non-genetic origin

VariO:0172 artificial DNA variation

- Effect on function

VariO:0002 variation affecting protein

VariO:0003 variation affecting protein function

VariO:0008 effect on catalytic protein function

- Effect on protein property, activity

VariO:0002 variation affecting protein

VariO:0032 variation affecting protein property

VariO:0053 effect on protein activity

VariO:0056 effect on protein reaction kinetics; VariO:0290 decreased

- Effect on protein property, specificity

VariO:0002 variation affecting protein

VariO:0032 variation affecting protein property

VariO:0032 variation affecting protein property

VariO:0055 effect on protein specificity

- *Effect on protein property, stability*

VariO:0002 variation affecting protein

VariO:0032 variation affecting protein property

VariO:0034 effect on protein stability; VariO:0140 not changed