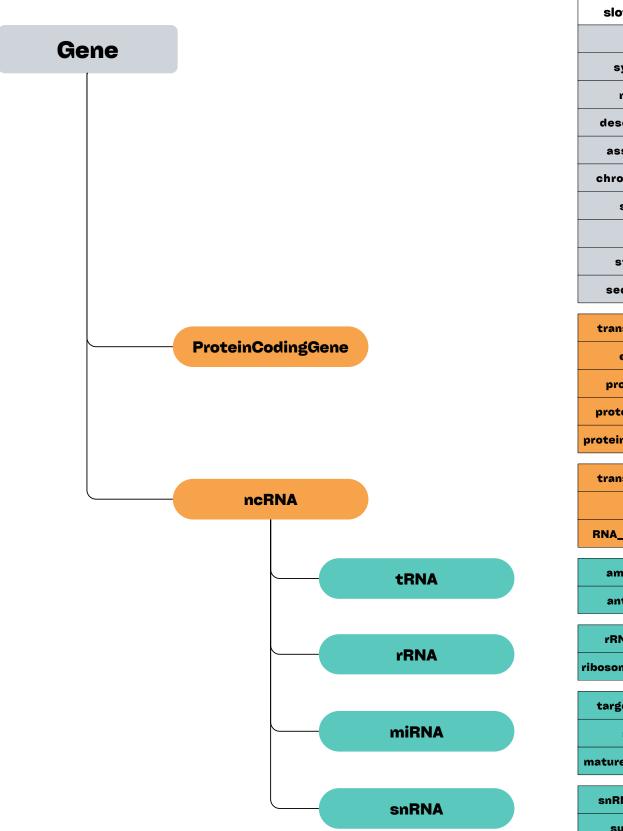
Classes Hierarchy





| slot name | type | mandatory |
|-------------|-----------|-----------|
| id | string | YES |
| symbol | string | |
| name | string | |
| description | string | |
| assembly | string | YES |
| chromosome | string | YES |
| start | numeric | YES |
| end | numeric | YES |
| strand | string | YES |
| sequence | DNAString | |

| transcript_id | string | |
|------------------|----------|-----|
| exons | GRanges | YES |
| protein_id | string | YES |
| protein_name | string | |
| protein_sequence | AAString | |

| transcript_id | string | |
|---------------|-----------|-----|
| type | string | YES |
| RNA_sequence | RNAstring | |

| aminoacid | string | YES |
|-----------|--------|-----|
| anticodon | string | |

| rRNA_type | string | YES |
|-------------------|--------|-----|
| ribosomal_subunit | string | |

| target_genes | list | YES |
|-----------------|-----------|-----|
| seed | string | |
| mature_sequence | RNAString | |

| snRNA_class | string | YES | |
|---------------------|--------|-----|--|
| subclass | string | | |
| associated_proteins | list | | |