**Modifications of PPIO with PHI-data**

Classes

1. Gene class created
2. Interaction class created

Object properties

1. Involves host
   1. Inverse of involves pathogen
   2. Domain -> interaction.
   3. Range -> plant? (Should be host plant)?
2. Involves pathogen
   1. Domain -> interaction
   2. Range -> plant pathogen
3. Involves gene
   1. Domain ->interaction
   2. Range -> gene
4. Has disease name
   1. Domain -> interaction
   2. Range -> phenotypic process

Data properties

[Nombre@id@cui#...#...#hasta](mailto:Nombre@id@cui#hasta) cellular organism