



**Model A Definition**

```
<model min_mandatory_genes_required="1"
      min_genes_required="4">
  <gene name="A" presence="mandatory"/>
  <gene name="B" presence="accessory"/>
  <gene name="C" presence="accessory"/>
  <gene name="D" presence="accessory" loner="1"/>
</model>
```

**Model B Definition**

```
<model min_mandatory_genes_required="1"
      min_genes_required="4">
  <gene name="E" presence="mandatory"/>
  <gene name="F" presence="accessory"/>
  <gene name="G" presence="accessory"/>
  <gene name="D" presence="accessory" loner="1"
    multi_system="1"/>
</model>
```