**HFCeS**

HaplotypeFrequency

Creation Service

# Input data

ASCII File, XML

# Structure

|  |  |  |  |
| --- | --- | --- | --- |
| Mandatory | XML Tag | Values / Kind of Val. | Description |
| Yes | POP\_ID | URI from POP DB | Population Identifiyer |
| Yes | GT\_List | List of GTL | List of Genotypes |
| Yes | GTL | Record of GTL\_Name, GTL\_M\_List | GTL\_M\_List is optional |
| Yes | GTL\_Name | GL String | Raw Data |
| No | GTL\_M\_List | List of GTLP\_Meth | Additional Information on GT, Typing |
| No | GTLP\_Meth | Pair of GTLP\_M\_Data,  GTLP\_M\_Value |  |
| No | GTLP\_M\_Data | Free Text |  |
| No | GTLP\_M\_Value | Free Text |  |
| Yes | GT\_Lic | License ID | License under which GT data is available |
| Yes | METHOD\_LIST | List of METHOD |  |
| Yes | METHOD | Record of METH\_Type, METH\_Value,  METH\_Comment,  METH\_Ref |  |
| Yes | METH\_Type | Free Text |  |
| Yes | METH\_Value | Free Text |  |
| No | METH\_Comment | Free Text |  |
| No | METH\_REF | Free Text | To be used to refer to an external source |
| No | HFCeS\_COHORT\_ID |  | As an alternative to GT List |
| No | HFCeS\_METHOD\_ID |  | As an alternative to Method List |

# Output

* An Inputfile to HFCuS
* HFCeS\_METHOD\_ID
* HFCeS\_COHORT\_ID

