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

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Output

- An Inputfile to HFCuS
- HFCeS_METHOD_ID
- HFCeS_COHORT_ID

HT Creation (ASCII, XML)

Input Creation Service

Mandatory	TAG	Description	Kind of Value
O	GT Meta Data List GT Meta Data Type GT Meta Data Value	E.g. Typing Method IMGT Version...	Text fields
X	Pop_ID	Population ID	URI
	Pop_Desc	Description of Pop	Free Text
X	GT List	Genotypes (Raw Data)	List of GT
X	GT	One Genotype	GL - String
	Cohort ID	Sample ID	INTEGER
X	License HT	Useability of Data	List of Licenses
	Resolution	Of HT	G, P, (, gMDP, gDKMS, n-Field, Serology
X	Method_ID		INTEGER
X	Method	Description of Method	Text field
	Method_Parameter		Free text
	Method_Para_Value	Part of J	Free text, likely TR

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