HlaPortal domain model

SubtypeMaster

code string (4) name string (16) structure string

RefMaster

accession string (16)
end integer
gene string (8)
length integer
name string
sequence text (65535)
start integer
subtype string (8)

GeneMaster

end integer hiv2 boolean name string (8) start integer

InstitutesMaster

name string

SerotypeMasterC

name string (4) priority integer

SerotypeMasterB

name string (4) priority integer

SerotypeMasterA

name string (4) priority integer

affiliation string (16) *

Patient

date_diagnosed date
date_of_art_init date
date_of_birth date
edu_background string (32)
gender string (16)
hosp_id string (16)

lab_id string (16)
marital_status string (16)
niid_id string (16) *
occupation string (128)

risk string (16)

Micropost

content string *

Relationship

Hla

allele string
dallele string (16)
date_exam date
dserotype string (4)
homo boolean
operator_id integer*
serotype string (4) *

Sample

art_formula string (64)
art_status boolean
cd4_count float (24)
condition string (32)
date_cd4_exam date
date_sample_taken date *
operator_id integer *
remarks string
serostatus integer
viral_load float (24)

Sequence

accession string (16)

clonal boolean
codon_start integer
date_seq date
end integer*
gene string (8) *
insertion string
length integer
notes string
operator_id integer*
provirus boolean
read integer*
sequence text (65535) *
start integer*
subtype code string (8)

subtype_code *string* (8) translation *text* (65535)

Mutation

gene string (8) *
locus integer *
mutated string *
wildtype string (4) *

AlleleMasterB

CountryCode

User

password_digest string

remember token string

AlleleMasterC

code string (4)

country string

admin boolean

email string*

name string*

name *string* (16) priority *integer*

name string (16)

priority integer

AlleleMasterA

name string (16) priority integer