OUERY BY REGION

response elements> Variant in Sample, Biosample and Host

filters> Variant Annotation:variantType

Separate response endpoints

Varian	t in san	nple (3)

variantId	sampleType	collectionDate
var1	BALF	2020-01-30
var1	swab	2020-01-30
var1	swab	2020-01-30

Biosample (2)

biosampleId	sampleType	collectionDate
SRS6007144	BALF	2020-01-30
SRS6007145	swab	2020-01-30

Host (1)

hostId	hostSex	geoOrigin	diseaseOutcome
1	F	USA	recovery/discharge

Variant-Biosample-Host composite response (2)

variantId	sampleType	collectionDate	

variantld	sampleType	collectionDate

BALF

swab

swab

var1

var2

var3

2020-01-30

2020-01-30

2020-01-30

* table is not comprehensive: columns should also include all elements of the three endpoints

hostId

1

1

1

F

F

F

hostSex

geoOrigin

USA

USA

USA

diseaseOutcome

recovery/discharge

recovery/discharge

recovery/discharge