Field	Ontology Identifier	Specification		Note: Just because both specifications have the same field doesn't mean their guidance / descriptions / examples are perfect matches; sometimes their are slight variations to support the respective target audiences.
		Mpox Version 7.5.5	MpoxInternational Version 9.0.0	
Database Identifiers	GENEPIO:0001122			
specimen collector sample ID	GENEPIO:0001123	TRUE	TRUE	**LEGEND**
Related specimen primary ID	GENEPIO:0001128	TRUE		TRUE = Present in specification
case ID	GENEPIO:0100281	TRUE	TRUE	<BLANK> = FALSE = Absent from specification
bioproject accession	GENEPIO:0001136	TRUE	TRUE	YELLOW HIGHLIGHT = Required Field
biosample accession	GENEPIO:0001139	TRUE	TRUE	PURPLE HIGHLIGHT = Recommended Field
INSDC sequence read accession	GENEPIO:0101203	TRUE	TRUE	NO HIGHLIGHT = Optional Field
INSDC assembly accession	GENEPIO:0101204	TRUE	TRUE	
GISAID virus name	GENEPIO:0100282		TRUE	
GISAID accession	GENEPIO:0001147	TRUE	TRUE	
Pathoplexus accession	GENEPIO:0102078	TRUE	TRUE	
Sample collection and processing	GENEPIO:0001150	TRUE	TRUE	
sample collected by	GENEPIO:0001153	TRUE	TRUE	
sample collector contact email	GENEPIO:0001156	TRUE	TRUE	
sample collector contact address	GENEPIO:0001158	TRUE	TRUE	
sample collection date	GENEPIO:0001174	TRUE	TRUE	
sample collection date precision	GENEPIO:0001177	TRUE		
sample received date	GENEPIO:0001179	TRUE	TRUE	
geo_loc_name (country)	GENEPIO:0001181	TRUE	TRUE	
geo_loc_name (state/province/territory)	GENEPIO:0001185	TRUE	TRUE	
geo_loc name (county/region)	GENEPIO:0100280		TRUE	
geo_loc_name (site)	GENEPIO:0100436		TRUE	
geo_loc latitude	GENEPIO:0100309		TRUE	
geo_loc longitude	GENEPIO:0100310		TRUE	
organism	GENEPIO:0001191	TRUE	TRUE	
isolate	GENEPIO:0001195	TRUE	TRUE	
purpose of sampling	GENEPIO:0001198	TRUE	TRUE	
purpose of sampling details	GENEPIO:0001200	TRUE	TRUE	
NML submitted specimen type	GENEPIO:0001204	TRUE		
Related specimen relationship type	GENEPIO:0001209	TRUE		
anatomical material	GENEPIO:0001211	TRUE	TRUE	

anatomical part	GENEPIO:0001214	TRUE	TRUE		
body product	GENEPIO:0001216	TRUE	TRUE		
environmental material	GENEPIO:0001223		TRUE		
environmental_site	GENEPIO:0001232		TRUE		
collection device	GENEPIO:0001234	TRUE	TRUE		
collection method	GENEPIO:0001241	TRUE	TRUE		
specimen processing	GENEPIO:0001253	TRUE	TRUE		
specimen processing details	GENEPIO:0100311	TRUE	TRUE		
lab host	GENEPIO:0001255		TRUE		
passage number	GENEPIO:0001261		TRUE		
passage method	GENEPIO:0001264		TRUE		
experimental specimen role type	GENEPIO:0100921	TRUE	TRUE		
experimental control details	GENEPIO:0100922	TRUE	TRUE		
Lineage and Variant information	GENEPIO:0001498		TRUE		
lineage/clade name	GENEPIO:0001500		TRUE		
lineage/clade analysis software name	GENEPIO:0001501		TRUE		
lineage/clade analysis software version	GENEPIO:0001502		TRUE		
Host Information	GENEPIO:0001268	TRUE	TRUE		
host (common name)	GENEPIO:0001386	TRUE	TRUE		
host (scientific name)	GENEPIO:0001387	TRUE	TRUE		
host health state	GENEPIO:0001388	TRUE	TRUE		
host health state	GENEPIO:0001388		TRUE		
host health status details	GENEPIO:0001389	TRUE	TRUE		
host health status details	GENEPIO:0001389		TRUE		
host health outcome	GENEPIO:0001389	TRUE	TRUE		
host health outcome	GENEPIO:0001389		TRUE		
host disease	GENEPIO:0001391	TRUE	TRUE		
host subject ID	GENEPIO:0001398		TRUE		
host age	GENEPIO:0001392	TRUE	TRUE		
host age unit	GENEPIO:0001393	TRUE	TRUE		
host age bin	GENEPIO:0001394	TRUE	TRUE		
host gender	GENEPIO:0001395	TRUE	TRUE		
host residence geo_loc name (country)	GENEPIO:0001396	TRUE	TRUE		
host residence geo_loc name (state/province/territory)	GENEPIO:0001397	TRUE			

symptom onset date	GENEPIO:0001399	TRUE	TRUE		
signs and symptoms	GENEPIO:0001400	TRUE	TRUE		
signs and symptoms	GENEPIO:0001400		TRUE		
pre-existing conditions and risk factors	GENEPIO:0001401	TRUE	TRUE		
pre-existing conditions and risk factors	GENEPIO:0001401		TRUE		
complications	GENEPIO:0001402	TRUE	TRUE		
complications	GENEPIO:0001402		TRUE		
antiviral therapy	GENEPIO:0100580	TRUE	TRUE		
Host vaccination information	GENEPIO:0001403	TRUE	TRUE		
host vaccination status	GENEPIO:0001404	TRUE	TRUE		
host vaccination status	GENEPIO:0001404		TRUE		
number of vaccine doses received	GENEPIO:0001406	TRUE	TRUE		
vaccination dose 1 vaccine name	GENEPIO:0100313	TRUE	TRUE		
vaccination dose 1 vaccination date	GENEPIO:0100314	TRUE	TRUE		
vaccination history	GENEPIO:0100321	TRUE	TRUE		
Host exposure information	GENEPIO:0001409	TRUE	TRUE		
location of exposure geo_loc name (country)	GENEPIO:0001410	TRUE	TRUE		
location of exposure geo_loc name (country)	GENEPIO:0001410		TRUE		
destination of most recent travel (city)	GENEPIO:0001411	TRUE	TRUE		
destination of most recent travel (state/province/territory)	GENEPIO:0001412	TRUE	TRUE		
destination of most recent travel (state/province/territory)	GENEPIO:0001412		TRUE		
destination of most recent travel (country)	GENEPIO:0001413	TRUE	TRUE		
destination of most recent travel (country)	GENEPIO:0001413		TRUE		
most recent travel departure date	GENEPIO:0001414	TRUE	TRUE		
most recent travel return date	GENEPIO:0001415	TRUE	TRUE		
travel history	GENEPIO:0001416	TRUE	TRUE		
exposure event	GENEPIO:0001417	TRUE	TRUE		
exposure event	GENEPIO:0001417		TRUE		
exposure contact level	GENEPIO:0001418	TRUE	TRUE		
exposure contact level	GENEPIO:0001418		TRUE		
host role	GENEPIO:0001419	TRUE	TRUE		
host role	GENEPIO:0001419		TRUE		
exposure setting	GENEPIO:0001428	TRUE	TRUE		
exposure setting	GENEPIO:0001428		TRUE		

exposure details	GENEPIO:0001431	TRUE	TRUE		
Host reinfection information	GENEPIO:0001434	TRUE	TRUE		
prior Mpox infection	GENEPIO:0100532	TRUE	TRUE		
prior Mpox infection	GENEPIO:0100532		TRUE		
prior Mpox infection date	GENEPIO:0100533	TRUE	TRUE		
prior Mpox antiviral treatment	GENEPIO:0100534	TRUE	TRUE		
prior Mpox antiviral treatment	GENEPIO:0100534		TRUE		
prior antiviral treatment during prior Mpox infection	GENEPIO:0100535	TRUE	TRUE		
Sequencing	GENEPIO:0001441	TRUE	TRUE		
sequencing project name	GENEPIO:0100472		TRUE		
sequenced by	GENEPIO:0100416	TRUE	TRUE		
sequenced by laboratory name	GENEPIO:0100470		TRUE		
sequenced by contact name	GENEPIO:0100471		TRUE		
sequenced by contact email	GENEPIO:0100422	TRUE	TRUE		
sequenced by contact address	GENEPIO:0100423	TRUE	TRUE		
sequence submitted by	GENEPIO:0001159	TRUE	TRUE		
sequence submitter contact email	GENEPIO:0001165	TRUE	TRUE		
sequence submitter contact address	GENEPIO:0001167	TRUE	TRUE		
purpose of sequencing	GENEPIO:0001445	TRUE	TRUE		
purpose of sequencing details	GENEPIO:0001446	TRUE	TRUE		
sequencing date	GENEPIO:0001447	TRUE	TRUE		
library ID	GENEPIO:0001448	TRUE	TRUE		
library preparation kit	GENEPIO:0001450	TRUE	TRUE		
sequencing assay type	GENEPIO:0100997		TRUE		
sequencing instrument	GENEPIO:0001452	TRUE	TRUE		
sequencing flow cell version	GENEPIO:0101102		TRUE		
sequencing protocol	GENEPIO:0001454	TRUE	TRUE		
sequencing kit number	GENEPIO:0001455	TRUE	TRUE		
DNA fragment length	GENEPIO:0100843		TRUE		
genomic target enrichment method	GENEPIO:0100966		TRUE		
genomic target enrichment method details	GENEPIO:0100967		TRUE		
amplicon pcr primer scheme	GENEPIO:0001456	TRUE	TRUE		
amplicon size	GENEPIO:0001449	TRUE	TRUE		
Bioinformatics and QC metrics	GENEPIO:0001457	TRUE	TRUE		

quality control method name	GENEPIO:0100557		TRUE		
quality control method version	GENEPIO:0100558		TRUE		
quality control determination	GENEPIO:0100559		TRUE		
quality control issues	GENEPIO:0100560		TRUE		
quality control details	GENEPIO:0100561		TRUE		
raw sequence data processing method	GENEPIO:0001458	TRUE	TRUE		
raw sequence data processing method	GENEPIO:0001458		TRUE		
dehosting method	GENEPIO:0001459	TRUE	TRUE		
dehosting method	GENEPIO:0001459		TRUE		
deduplication method	GENEPIO:0100831		TRUE		
consensus sequence name	GENEPIO:0001460	TRUE			
consensus sequence filename	GENEPIO:0001461	TRUE			
consensus sequence filepath	GENEPIO:0001462	TRUE			
genome sequence file name	GENEPIO:0101715		TRUE		
genome sequence file path	GENEPIO:0101716		TRUE		
consensus sequence software name	GENEPIO:0001463	TRUE	TRUE		
consensus sequence software version	GENEPIO:0001469	TRUE	TRUE		
sequence assembly software name	GENEPIO:0100825		TRUE		
sequence assembly software version	GENEPIO:0100826		TRUE		
r1 fastq filename	GENEPIO:0001476	TRUE	TRUE		
r2 fastq filename	GENEPIO:0001477	TRUE	TRUE		
r1 fastq filepath	GENEPIO:0001478	TRUE	TRUE		
r2 fastq filepath	GENEPIO:0001479	TRUE	TRUE		
fast5 filename	GENEPIO:0001480	TRUE	TRUE		
fast5 filepath	GENEPIO:0001481	TRUE	TRUE		
number of total reads	GENEPIO:0100827		TRUE		
number of unique reads	GENEPIO:0100828		TRUE		
minimum post-trimming read length	GENEPIO:0100829		TRUE		
breadth of coverage value	GENEPIO:0001472	TRUE	TRUE		
depth of coverage value	GENEPIO:0001474	TRUE	TRUE		
depth of coverage threshold	GENEPIO:0001475	TRUE	TRUE		
number of base pairs sequenced	GENEPIO:0001482	TRUE	TRUE		
consensus genome length	GENEPIO:0001483	TRUE	TRUE		
sequence assembly length	GENEPIO:0100846		TRUE		

number of contigs	GENEPIO:0100937		TRUE		
genome completeness	GENEPIO:0100844		TRUE		
N50	GENEPIO:0100938		TRUE		
percent Ns across total genome length	GENEPIO:0100830		TRUE		
Ns per 100 kbp	GENEPIO:0001484		TRUE		
reference genome accession	GENEPIO:0001485	TRUE	TRUE		
bioinformatics protocol	GENEPIO:0001489	TRUE			
Taxonomic identification information	GENEPIO:0101082		TRUE		
read mapping software name	GENEPIO:0100832		TRUE		
read mapping software version	GENEPIO:0100833		TRUE		
taxonomic reference database name	GENEPIO:0100834		TRUE		
taxonomic reference database version	GENEPIO:0100835		TRUE		
taxonomic analysis report filename	GENEPIO:0101074		TRUE		
taxonomic analysis date	GENEPIO:0101075		TRUE		
read mapping criteria	GENEPIO:0100836		TRUE		
Pathogen diagnostic testing	GENEPIO:0001506	TRUE	TRUE		
assay target name 1	GENEPIO:0102052		TRUE		
assay target details 1	GENEPIO:0102045		TRUE		
gene name 1	GENEPIO:0001507	TRUE			
gene symbol 1	GENEPIO:0102041		TRUE		
diagnostic pcr protocol 1	GENEPIO:0001508		TRUE		
diagnostic pcr Ct value 1	GENEPIO:0001509	TRUE	TRUE		
assay target name 2	GENEPIO:0102038		TRUE		
assay target details 2	GENEPIO:0102046		TRUE		
gene name 2	GENEPIO:0001510	TRUE			
gene symbol 2	GENEPIO:0102042		TRUE		
diagnostic pcr protocol 2	GENEPIO:0001511		TRUE		
diagnostic pcr Ct value 2	GENEPIO:0001512	TRUE	TRUE		
assay target name 3	GENEPIO:0102039		TRUE		
assay target details 3	GENEPIO:0102047		TRUE		
gene name 3	GENEPIO:0001513	TRUE			
gene symbol 3	GENEPIO:0102043		TRUE		
diagnostic pcr protocol 3	GENEPIO:0001514		TRUE		
diagnostic pcr Ct value 3	GENEPIO:0001515	TRUE	TRUE		

gene name 4	GENEPIO:0100576	TRUE			
diagnostic pcr Ct value 4	GENEPIO:0100577	TRUE			
gene name 5	GENEPIO:0100578	TRUE			
diagnostic pcr Ct value 5	GENEPIO:0100579	TRUE			
Contributor acknowledgement	GENEPIO:0001516	TRUE	TRUE		
authors	GENEPIO:0001517	TRUE	TRUE		
DataHarmonizer provenance	GENEPIO:0001518	TRUE	TRUE		