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  "id": "obj.1283",
  "name": "Quasispecies_analysis_of_HIV-1_viruses",
  "title": "Quasispecies analysis of HIV-1 [taxid:12721, D0ID:526] samples taken
from HIV-1 infected individuals [taxid:9606] and detection of novel HIV-1
recombinant subtypes",
  "version": "1.0",
  "createdby": "naila_gulzar@gwu.edu",
  "created": "Feb 02, 2017 14:37:50",
  "modified": "Mar 13, 2017 15:06:51",
  "verification_status": "unreviewed",
  "publication_status": "draft",
  "usability_domain": [
    "This pipeline can be used for discovering the new recombinant subtypes of
viruses"
  ],
  "authors": [
    {
      "orcid": "0000-0002-8138-8312"
    },
    {
      "name": "Bhavna Hora"
    },
    {
      "name": "Konstantinos Karagiannis "
    },
    {
      "name": "Krista Smith"
    },
    {
      "name": "Raja Mazumder"
    },
    {
      "name": "Feng Gao"
    }
  ],
  "description_domain": {
    "keywords": [
      "clonal discovery",
      "quasispecies",
      "clonal contigs"
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    "xref": [
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      "taxid:12721",
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    "pipeline_steps": [
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        "hive://genomes/333333"
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    "output_uri_list": [
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},
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    "tool_version": "1.0",
    "tool_package": "null",
    "step_number": "2",
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    "tool_desc": "multiple sequence alignment tool",
    "tool_version": "1.0",
    "tool_package": "null",
    "step_number": "3",
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    "output_uri_list": [
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    "tool_package": "null",
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        "output_uri_list": [
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        "step_number": "5",
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        "output_uri_list": [
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            "hive://data/888881/popAlignment",
            "hive://data/888882/popCoverage",
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            "hive://data/888884/popSummary"
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    "pipeline_version": "1.0",
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    "driver": "//hive.biochemistry.gwu.edu/hive-driver",
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        "HIVE_Seq",
        "MAFFT",
        "HIVE_Hexahedron"
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    "env_parameters": [
        "HIVEv1.4.3"
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"parametric_domain": {
    "Hex_2_minMatchLen": "45",
    "hexagon_seed": "0.01",
    "Hex_2_maxMissQueryPercent": "15"
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"io_domain": {
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    "input_uri_list": [
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        "hive://nuc-read/222222",
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        "hive://data/888888/popAlignment ",
        "hive://data/888888/popCoverage ",
        "hive://data/888888/popBreakpoints ",
        "hive://data/888888/popSummary"
    ]
}
}
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