

**a**

Registry   Cloud QC   Statistics   Validation

Repro

External pathways checked



PRJDB36442  
labels

MetaPhlAn  
HUMAnN

Module +  
pathway

HBV-LC  
replication

hash + env  
hashes

Primary modules tested

**b**

Primary pathways tested



External pathways checked



Artifacts hashed



Samples with labels



External modules checked

