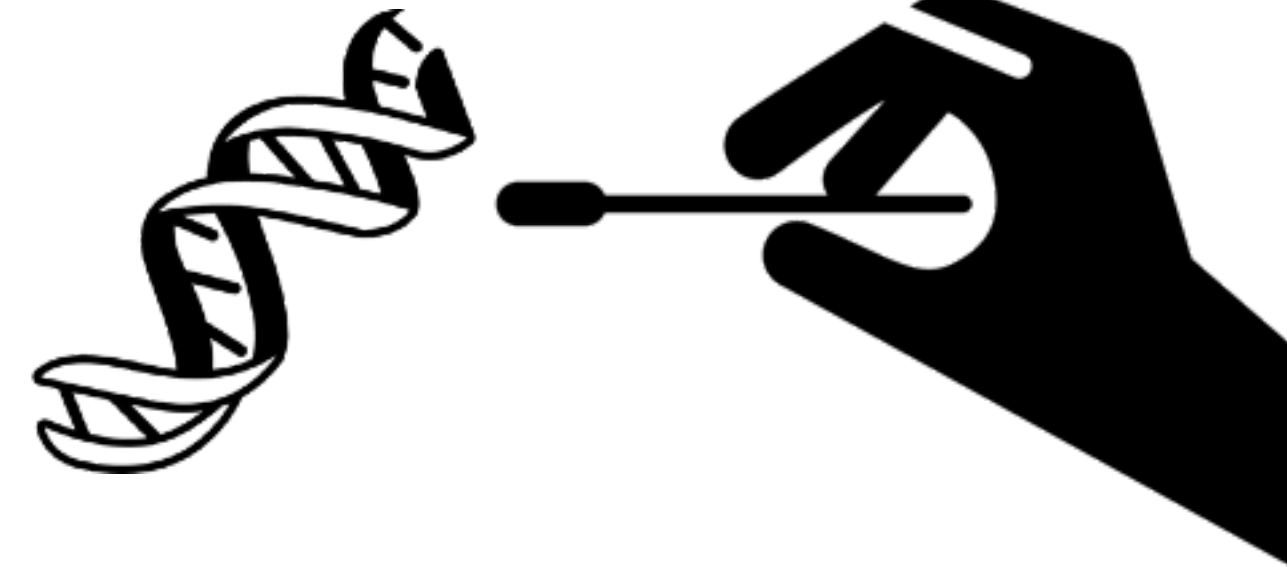


MetaSUB



ATCGAGTAGA...GATCGATCGT

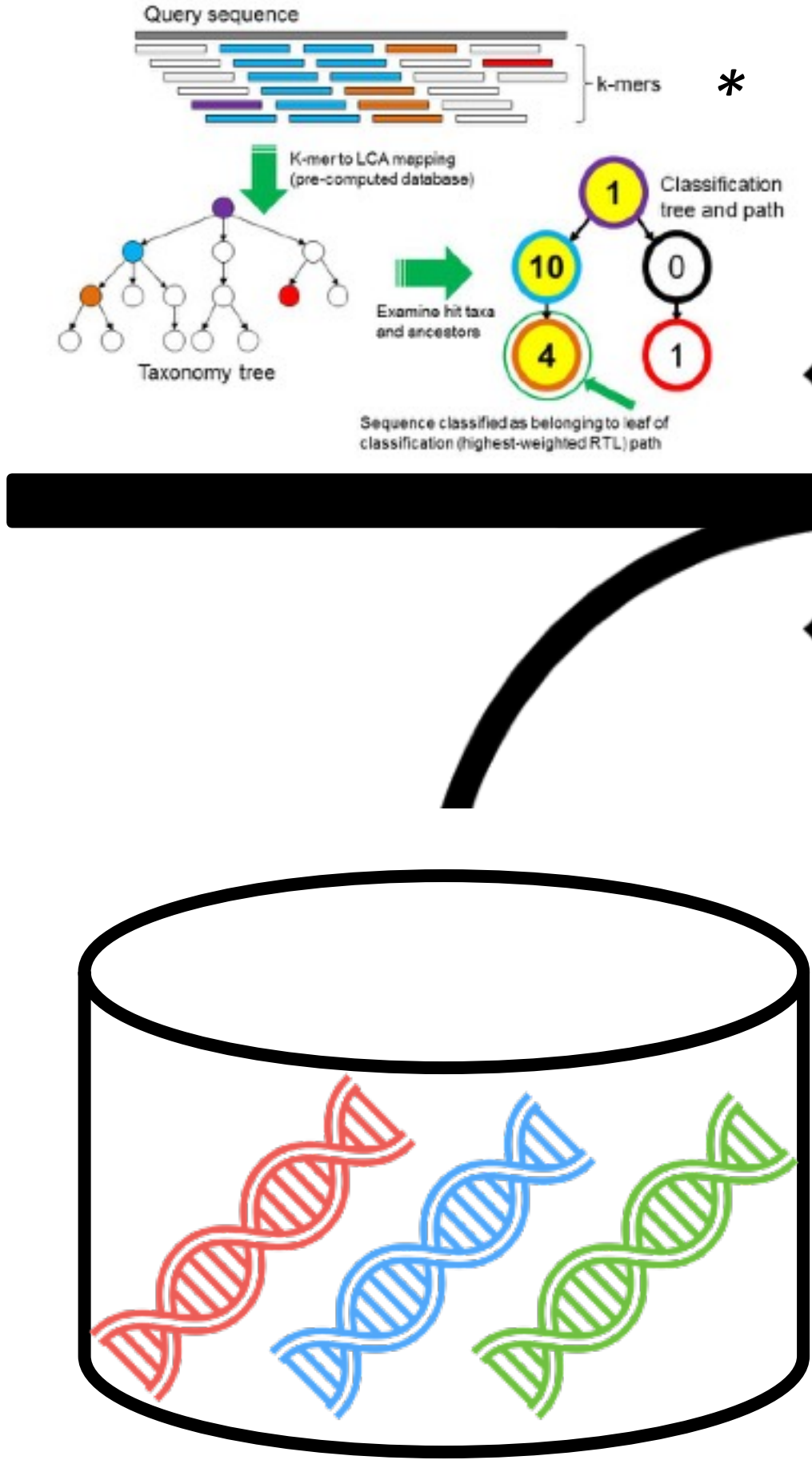
AGCTGAGCTT...GATAAGTCGT

Paired End 150bp Reads
~6 Million Reads per Sample

Reference Based Metagenomic Analysis

and *de novo* assembly

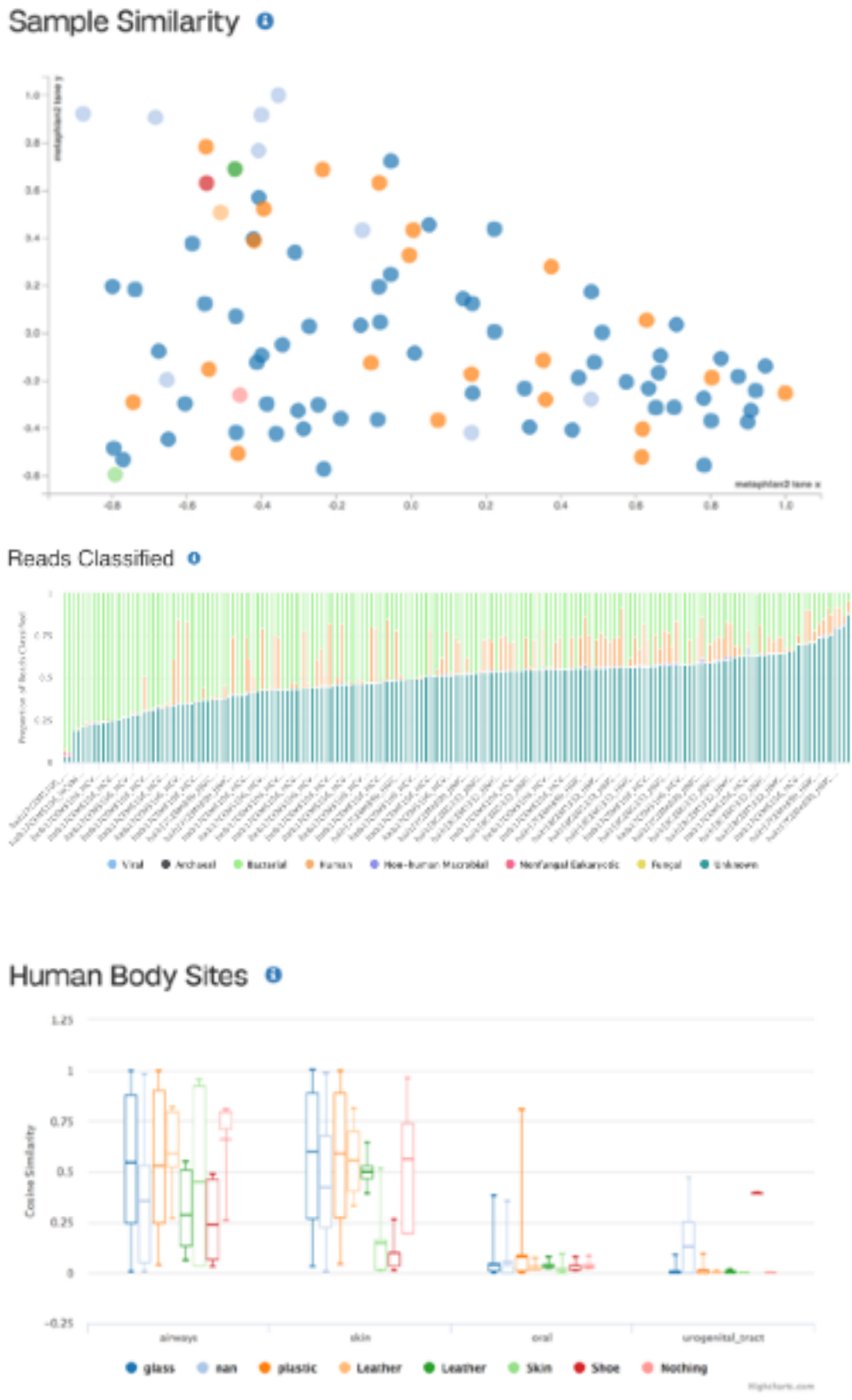
>1
ATGCGTACGAT
>2
GCGATAGAGAG
>3
TTTTTAATATT
>4
ATAGCGAGCTG
>5
TTTTTAATATT
>6
GCGGGGAGCTG
>7
TG TAGTCNTCC
>8
TGAGGAGGAGT



UniRef90, RefSeq,
NCBI-NR, etc



Assembly



*Kraken Salzberg, 2014

Danko, Bezdan *et al.*, *Cell*, 2021