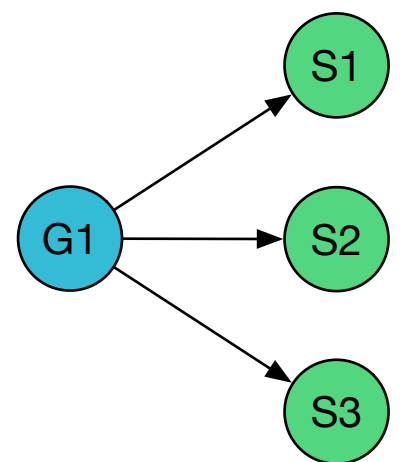


## Taxonomy



Genus

Species

## Genomes

A	B	C
A	B	D
A	E	F

## Minimizer-LCA taxon databases

DB 1: S1, S2, S3

a	G1
b	G1
c	S1
d	S2
e	S3
f	S3

DB 2: S1, S3

a	G1
b	S1
c	S1
e	S3
f	S3

## DB 1 classifications

Read 1	G1	a	a	a
Read 2	G1	a	a	b
Read 3	S1	c	c	c

## DB 2 classifications

G1	a	a	a
S1	a	a	b
S1	c	c	c