A

Input

Real Count Matrix

scReadSim Count Matrix

Output

Real BAM

Features

Features
1
2
3
4

Cells
1 2 3 4 5

Features
1
2
3
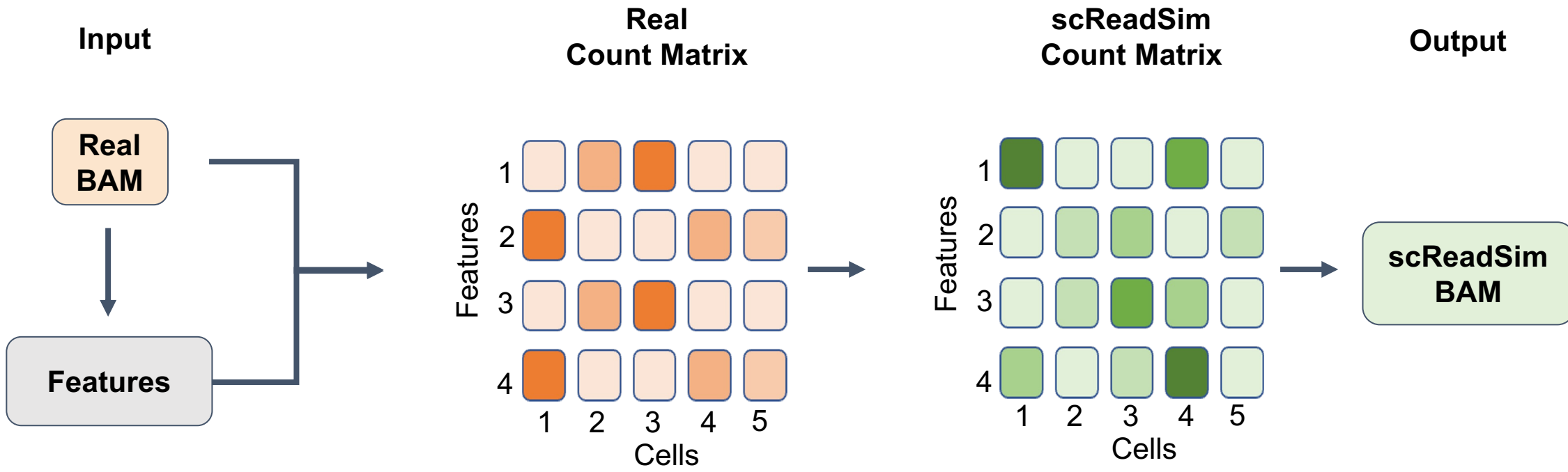4

Cells
1 2 3 4 5

scReadSim BAM

B

Reference Genome

0

L

Foreground Feature e.g. peak, gene

Background Feature