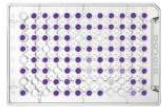


Proprietary OmniLog[®] software:
Raw kinetic data recording, export as CSV

opm software:
Data exploration, management, aggregation, discretization, incorporation of metadata



single
96-well plate

Diagram showing a stack of 96 raw kinetic data sheets, with the top sheet expanded to show a table of glucose values over time.

Trehalose		
Arabinose		
Glucose		
Hour		value
00.00		35
00.25		33
00.50		37
.		.
30.00		102
.		.
60.00		328

set of 96
raw kinetics

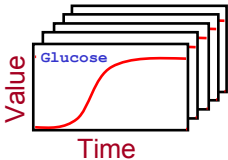


Diagram showing a stack of 96 aggregated data sheets, with the top sheet expanded to show a table of aggregated parameters and values.

Trehalose		
Arabinose		
Glucose		
Parameter		value
mu		15.559078
lambda		5.798210
A		305.989319
AUC		23308.269348
mu CI95 low		3.803466
lambda CI95 low		1.080333
A CI95 low		305.642353
AUC CI95 low		23125.092442
mu CI95 high		140.841704
lambda CI95 high		11.819251
A CI95 high		306.986123
AUC CI95 high		23411.648024

96 sets of **aggregated data**
including 95% confidence limits

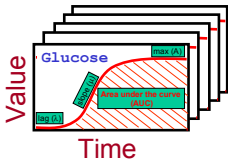


Diagram showing a table of metadata for a specific strain.

genus	<i>Bacillus</i>
epithet	<i>subtilis</i>
strain	0815
.	.
habitat	soil
sampling place	GPS coord.
sampling date	2011-06-15
sampling season	summer
habitat [°C]	27
.	.
sporulation	yes
flagellar motility	yes
natural transformation	no
.	.
PCR (gene xyz)	positive
.	.
... as much/what you wish...	

the amount of user-defined
metadata is only limited by
computer memory