

Orientation of ID, Repeats, Columns and Rows in Excel Tables

IDs and Repeats

Vertical ID, Vertical Repeat

The screenshot shows the 'Well Assignm.' dialog box on the right and an Excel table on the left. The dialog box has 'Identifiers' set to 'SM', 'Exp. group' set to '1', 'ID-Num.' set to '1', and 'Replicates' set to '2/3'. The 'Fix number' radio button is selected. The Excel table has columns 1-4 and rows A-C. The cells contain the following IDs and repeats:

	1	2	3	4
A	SM1_1 1/3	SM1_1 3/3	SM1_2 2/3	SM1_3 1/3
B	SM1_1 2/3	SM1_2 1/3	SM1_2 3/3	SM1_3 2/3
C				

Yellow arrows point from the 'ID-Num.' field to the '1' in the A1 cell and from the 'Replicates' field to the '2/3' in the B1 cell.

Horizontal ID, Horizontal repeat

The screenshot shows the 'Well Assignm.' dialog box on the right and an Excel table on the left. The dialog box has 'Identifiers' set to 'SM', 'Exp. group' set to '1', 'ID-Num.' set to '1', and 'Replicates' set to '2/3'. The 'Fix number' radio button is selected. The Excel table has columns 1-4 and rows A-C. The cells contain the following IDs and repeats:

	1	2	3	4
A	SM1_1 1/3	SM1_1 2/3	SM1_1 3/3	SM1_3 1/3
B	SM1_2 1/3	SM1_2 2/3	SM1_2 3/3	SM1_4 1/3
C				

Yellow arrows point from the 'ID-Num.' field to the '1' in the A1 cell and from the 'Replicates' field to the '2/3' in the B1 cell.

Horizontal ID, Vertical repeat

The screenshot shows the 'Well Assignm.' dialog box on the right and an Excel table on the left. The dialog box has 'Identifiers' set to 'SM', 'Exp. group' set to '1', 'ID-Num.' set to '1', and 'Replicates' set to '2/3'. The 'Fix number' radio button is selected. The Excel table has columns 1-4 and rows A-C. The cells contain the following IDs and repeats:

	1	2	3	4
A	SM1_1 1/3	SM1_1 2/3	SM1_1 3/3	SM1_3 1/3
B	SM1_2 1/3	SM1_2 2/3	SM1_2 3/3	SM1_4 1/3
C				

Yellow arrows point from the 'ID-Num.' field to the '1' in the A1 cell and from the 'Replicates' field to the '2/3' in the B1 cell.

Table data export to Excel in columns or rows

Set of wells

	1	2	3	4	5	6	7	8	9	10	11	12
A	BL1 1/1	ST1_1 1/1	ST1_2 1/1	ST1_3 1/1	ST1_4 1/1	ST1_5 1/1	ST1_6 1/1					
B	SM1_1 1/1	SM1_2 1/1	SM1_3 1/1	SM1_4 1/1	SM1_5 1/1	SM1_6 1/1	SM1_7 1/1	SM1_8 1/1	SM1_9 1/1	SM1_10 1/1	SM1_11 1/1	SM1_12 1/1
C												

Well Assignments

Identifiers: SM
Exp. group: 1
ID-Num: 11
13
Replicates: 11
Fix number: 1
Def. ident: All
Fill selection: Delete selection

Data in columns in an Excel table for above measurements

A	B	C	D	E	F	G	H	I	J	K	L	
1 Raw data	Direction vertical Data in columns											
2 Layout												
3 Replicate Info												
4 0s	22.9 °C	0.10833	0.078867								0.13307	0.099989
5 11s	23.0 °C	0.10813	0.078795								0.13314	0.10012
6 22s	23.0 °C	0.10826	0.078979								0.13337	0.10003
7		BL1	SM1_1								ST1_1	SM1_2
8		1/1	1/1								1/1	1/1
9 Date of measurement: 2016-12-09/Time of measurement: 12:07:22												
10 160418 EXAMPLE-welldata in column-export verticall .mth												
11 D:\DATA USERS\OTHER\2016-Other\GI\GI methods\160418 EXAMPLE-welldata in column-export vertical .mth												
12 20161209-002.wsp												
13 D:\DATA USERS\OTHER\2016-Other\GI\GI workspace\20161209-002.wsp												
14 4200nm												

Export Options

Direction: Horizontal Vertical

Result: Matrix (nested) Matrix (separated) Matrix (Fluor style) Table (well data in rows) Table (well data in columns)

Add data: Date/time of measurement Method filename Method pathname Work-space filename Work-space pathname Filter wavelength value(s) User prompts Current user name Measurement parameters Multiple plate informations Validation results

Buttons: OK, Cancel, Help, Set as default, Restore default

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T			
1 Raw data	Direction horizontal, data in column																					
2 Layout																						
3 Replicate Info																						
4 0s	22.9 °C	0.10921	0.13237	0.12113	0.11505	0.10325	0.14707	0.13775								0.07907	0.10028	0.10091	0.10624	0.083854	0.13539	0.
5 11s	22.9 °C	0.10927	0.13234	0.12114	0.11508	0.10328	0.12431	0.13784								0.079158	0.1002	0.1009	0.10633	0.08395	0.1352	0.
6 22s	22.9 °C	0.10905	0.13278	0.12104	0.1153	0.10332	0.12424	0.13834								0.079313	0.1004	0.10113	0.10636	0.083718	0.13549	0.
7		BL1	ST1_1	ST1_2	ST1_3	ST1_4	ST1_5	ST1_6	SM1_1	SM1_2	SM1_3	SM1_4	SM1_5	SM1_6	SM							
8		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1			
9 Date of measurement: 2016-12-09/Time of measurement: 12:05:06																						
10 160418 EXAMPLE-welldata in column-horizontal .mth																						
11 D:\DATA USERS\OTHER\2016-Other\GI\GI methods\160418 EXAMPLE-welldata in column-horizontal .mth																						
12 20161209-001.wsp																						
13 D:\DATA USERS\OTHER\2016-Other\GI\GI workspace\20161209-001.wsp																						
14 4200nm																						

Data in rows in an Excel table for accompanying measurements

	1	2	3	4	5	6	7	8	9	10	11	12
A	BL1 1/1	ST1_1 1/1	ST1_2 1/1	ST1_3 1/1	ST1_4 1/1	ST1_5 1/1	ST1_6 1/1					
B	SM1_1 1/1	SM1_2 1/1	SM1_3 1/1	SM1_4 1/1	SM1_5 1/1	SM1_6 1/1	SM1_7 1/1	SM1_8 1/1	SM1_9 1/1	SM1_10 1/1	SM1_11 1/1	SM1_12 1/1
C												

Direction horizontal Data in rows

	A	B	C	D	E	F
1	Raw data			Layout	Replicate Info	
2	0s	11s	22s			
3	19.7 °C	19.8 °C	19.8 °C			
4	0.09743	0.09726	0.09751	BL1	1/1	
5	0.12765	0.12716	0.12746	ST1_1	1/1	
6	0.11705	0.11697	0.11714	ST1_2	1/1	
7	0.11522	0.11461	0.11494	ST1_3	1/1	
8	0.097121	0.097102	0.097345	ST1_4	1/1	
9	0.12095	0.12077	0.12104	ST1_5	1/1	
10	0.18483	0.18492	0.18521	ST1_6	1/1	
11						
12						
13						
14						
15						
16	0.080916	0.08077	0.080901	SM1_1	1/1	
17	0.087539	0.087576	0.087489	SM1_2	1/1	
18	0.098829	0.098566	0.098777	SM1_3	1/1	
19	0.10626	0.10617	0.10659	SM1_4	1/1	
20	0.084564	0.084514	0.084562	SM1_5	1/1	
21	0.077733	0.077664	0.077928	SM1_6	1/1	
22	0.096549	0.096402	0.09646	SM1_7	1/1	
23	0.11477	0.11464	0.11479	SM1_8	1/1	
24	0.093561	0.093599	0.093547	SM1_9	1/1	
25	0.072732	0.072577	0.072616	SM1_10	1/1	
26	0.099766	0.099305	0.099642	SM1_11	1/1	
27	0.096611	0.096168	0.096456	SM1_12	1/1	
28						
29						

Direction vertical Data in rows

	A	B	C	D	E	F
1	Raw data			Layout	Replicate Info	
2	0s	11s	22s			
3	19.5 °C	19.5 °C	19.5 °C			
4	0.09762	0.097548	0.097482	BL1	1/1	
5	0.080917	0.080795	0.080762	SM1_1	1/1	
6						
7						
8						
9						
10						
11						
12	0.12743	0.12736	0.12751	ST1_1	1/1	
13	0.087393	0.087519	0.087547	SM1_2	1/1	
14						
15						
16						
17						
18						
19						
20	0.11733	0.11729	0.11708	ST1_2	1/1	
21	0.098729	0.098751	0.098676	SM1_3	1/1	
22						
23						
24						
25						
26						
27						
28	0.11486	0.11481	0.11496	ST1_3	1/1	
29	0.10652	0.10646	0.1063	SM1_4	1/1	
30						