

### 3 Steps to use our normalization method evaluation and quality control

#### Step 1: Upload the peak table and sample list file and specify the data format

metaX

Parameter setting:

Upload peak intensity file  
选择文件 未选择文件

Software for peak picking  
 QI [.csv]  XCMS

XCMS file format:  
 csv  tsv

Upload sample list file  
选择文件 未选择文件

Sample list | Peak data | Normalization comparison | QC Report

Upload your peak table, it could be "Input\_data.csv" in our example data

Specify the software that you used for peak picking, it could be XCMS if you use the example data

Specify the data format of XCMS output peak table, it could be "csv" if you use the example data

Upload your sample list, it could be "sample\_list.txt" in our example data

#### Step 2: Specify the other parameters and click the start bottom to start data analysis

Normalization method:

sum pqn combat quantiles  
quantiles.robust vsn

QC-RLSC  
SVR

Start Stop

Note that you can choose more than one normalization method in a single run. All the normalization results could be presented for you to compare and to choose a proper method

### Step 3: click the tags to get the result

Sample list					Peak data	Normalization comparison	QCReport
Sample	batch	class	order		Search: <input type="text"/>		
1	QC_1	1	QC	1			
2	QC_2	1	QC	2			
3	QC_3	1	QC	3			
4	QC_4	1	QC	4			
5	QC_5	1	QC	5			
6	A_1	1	A	6			
7	B_1	1	B	7			
8	B_2	1	B	8			
9	B_3	1	B	9			
10	B_4	1	B	10			

Showing 1 to 10 of 81 entries

Previous **1** 2 3 4 5 ... 9 Next

**Note that our web design is based on a responsive web design. To get your result, you have to click the tags one by one. For example, you click the “Normalization comparison” bottom and the result could be shown in a few minutes, you don’t need to click during the waiting time. After you get the normalization result you could click the “QC Report” to get the quality report. And the quality report could be done based on the first normalization method you choose.**