

User's Guide to Gene ID Generator

This is a program that generates Gene ID files. Gene ID files are used with ImaGene software, a commercially available program that quantifies image data (BioDiscovery, Inc. 100 North Sepulveda Blvd., Suite 1230, El Segundo, CA 90245 www.biodiscovery.com).

- Open Excel, and open the **Gene ID Generator** file. Go to the “readme” page.
- If you are using a 384 well plate, there should be 16 rows and 24 columns.
- For PlateNum, type in the number of source plates that were gridded
- For Clone Name: this is just a prefix to the name of the clones, you can leave this blank or put in a common prefix, as you wish
- For Plate Order in a subgrid: Here you list the treatments and plate numbers (assuming you have multiple plates per treatment), in order starting with the upper left, going across to the right, then down to the next row, etc., as indicated below for a 5X5 subgrid:

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

- The way you indicate treatment and plate numbers is as follows: Type “T[treatment name]-[plate number]” for each plate, in the order indicated. Do not type in spaces, brackets (), semicolons or colons.
- Note that you must name the control clone plate “Control” or the macroarray program will not be able to identify these clones as controls.
- Go to the Gene ID page and clear any information on it.
- Go to Tools -> Macro -> Macros, select Gene ID Generator and click on “Run”
- Save the output as a text (tab delimited) file.