

Note: Please use your cherry pick samples carefully, and DO NOT use your entire cherry pick sample in a single experiment. The screening group generally does not repeat cherry pick requests, and commercial vendors may not be able to supply you with compound immediately upon request. The screening group will provide extra seals to re-seal your cherry pick plates after use.

The screening room recommends that the cherry pick plates be kept in a desiccated environment at -20 °C and be handled with caution since they are DMSO-dissolved compounds. Also, spin the plate before opening it so that all the compound is at the bottom of the well.

Required Format for Cherry Pick Requests

Screeners must make their own data file in Microsoft Excel in the following format:

Example: cherry pick request file for screen # 101

Screen 101

6 cherry-picks

2,000 total compounds screened

Stock ID	Well	Positive	Cherry Pick	Comment, required if positive is not chosen for cherry picking.
Plate_0518	C21	M	C	
Plate_0519	D19	M		Also hit in other screens
Plate_0520	F05	W	C	
Plate_0520	M22	S	C	
Plate_0521	A11	M	C	
Plate_0522	P15	S	C	
Plate_0548	J22	M		Edge effects
Plate_1214	K10	S	C	
Plate_1226	N18	W		Very weak

Cherry pick request files should include all positives annotated as a W, M, or S. The columns should be **Stock ID**, **Well**, **Positive**, **Cherry Pick**, and **Comment**. The file must contain the **Screen Number** for which the cherry picks are being requested. The file must also contain the **number of cherry picks** being requested and the **total number of compounds screened** to ensure compliance with the 0.3% Rule. Place a C in the Cherry Pick column for those wells that you decide to cherry pick. Enter a comment for all positives that you decide not to cherry pick.

- Note that in the Stock ID column that all plates are listed in the format Plate_0X0X, always with four place holders. This format is required by the software used for automated cherry-picking.

Also note that the Stock ID and Well columns are listed in ascending order, first by Stock ID, then by Well.

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