

The instructions and suggestions for uploading raw data collected in basic research projects

For basic/translational research paper, the researchers are suggested to upload the key raw data for each individual Figure to-be-published in their manuscript, when the manuscript is undergoing revision (minor/major revision) or proof reading. After uploading the raw data, an RDD number will be provided by RDD website, and the authors can add the following statement as a sentence in the Method section or a footnote in the corresponding paper:

The raw data of this paper have been uploaded onto the Research Data Deposit (RDD) with an RDD number of XXXXXXXXX.

Please consider the following suggestions for uploading your raw data:

1. Only one page, in PDF format, of the representing key raw data for each individual Figure in your manuscript is required.
2. For real-time PCR data, you can upload the design of your experiments in your experimental notebook, or a screenshot of the melting curve or reaction processing curves.
3. For immunoblotting (western blotting) data, you can upload the row images in your notebook, or the images of the exposed films without being cut or modified.
4. For flow cytometry data, you can upload the images of any raw data of

apoptosis, cell cycle distribution, side population, biomarker subpopulation and protein expression.

5. For expression microarray data, you can upload a copy of your notebook recording the experimental design or data. You can also upload the reports from the company having performed the experiments for you.
6. For immunohistochemistry or immunofluorescent data, you provide another set of images consistent to the images presented in your paper.
7. For the luciferase reporter gene assay, you can provide the sequencing data of the constructed plasmid(s), or the readout of the light emission (screenshot is acceptable).
8. For animal experiment, you can provide a picture of the animals on terminal day, or a picture of studied organs or tumors.