FLUORESCENCE FILTERS FOR GCAMP-6 (EGFP) AND MRUBY (AND OTHER FLUOURESCENT PROTEINS USED IN THE HAN LAB)

LINKS:

- http://www.fpvis.org/FP.html
- http://www.spectra.arizona.edu/
- http://www.thermofisher.com/us/en/home/life-science/cell-analysis/labeling-chemistry/fluorescence-spectraviewer.html
- https://searchlight.semrock.com/
- http://www.bdbiosciences.com/us/s/spectrumviewer
- https://www.chroma.com/spectra-viewer
- http://nic.ucsf.edu/dokuwiki/doku.php?id=fluorescent_proteins
- http://midopt.com/tools/curve-compare/

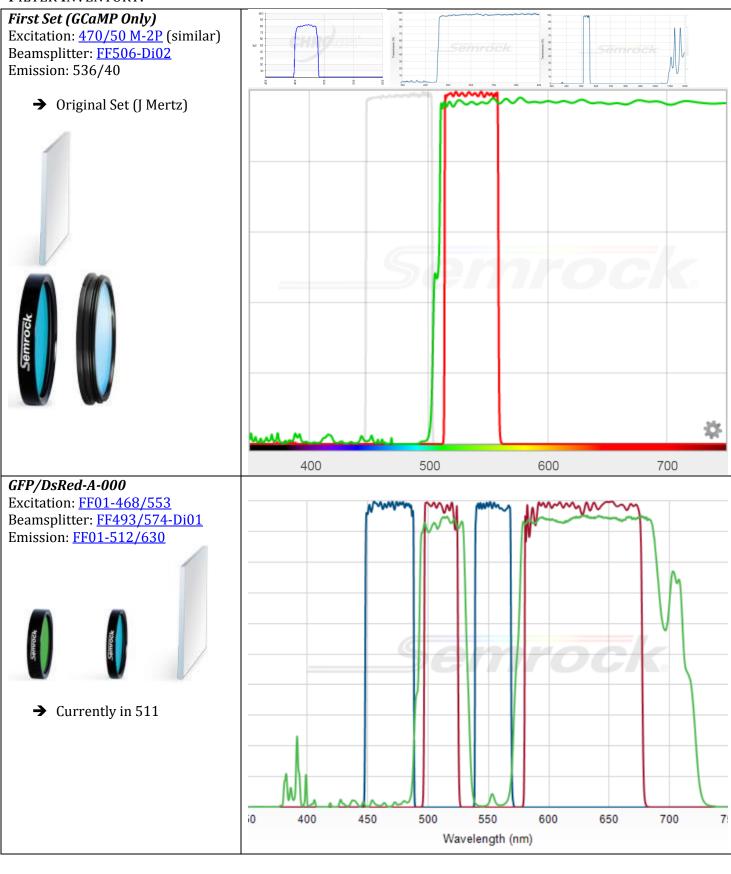
FILTER MAKERS

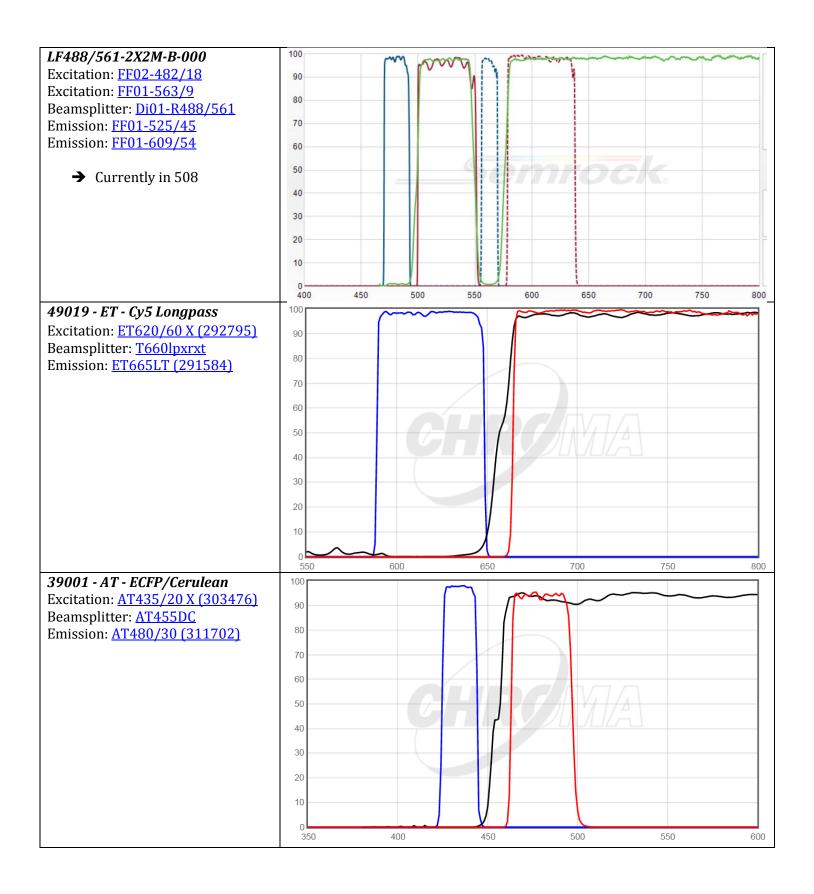
- <u>www.semrock.com</u>
- www.chroma.com
- www.midopt.com

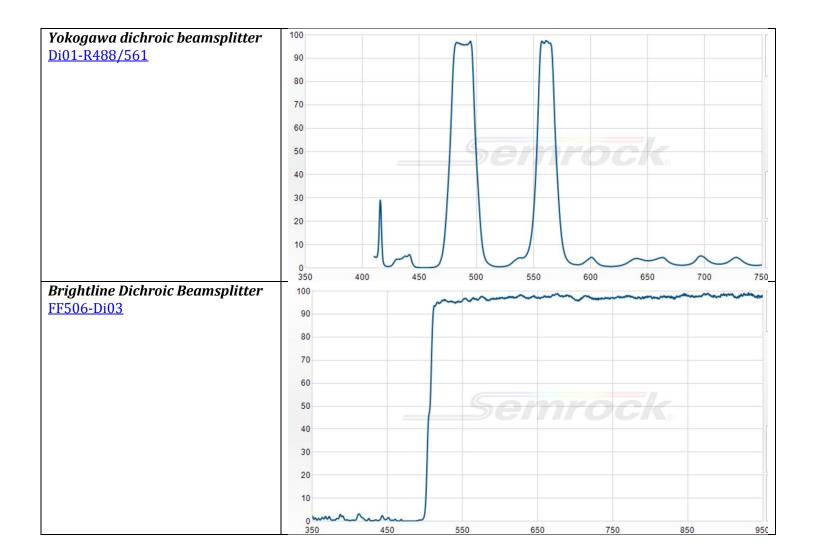
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EGFP: 489nm : 511nm **mRUBY**: 558nm : 605nm

FILTER INVENTORY:







DUAL BAND OPTIONS:

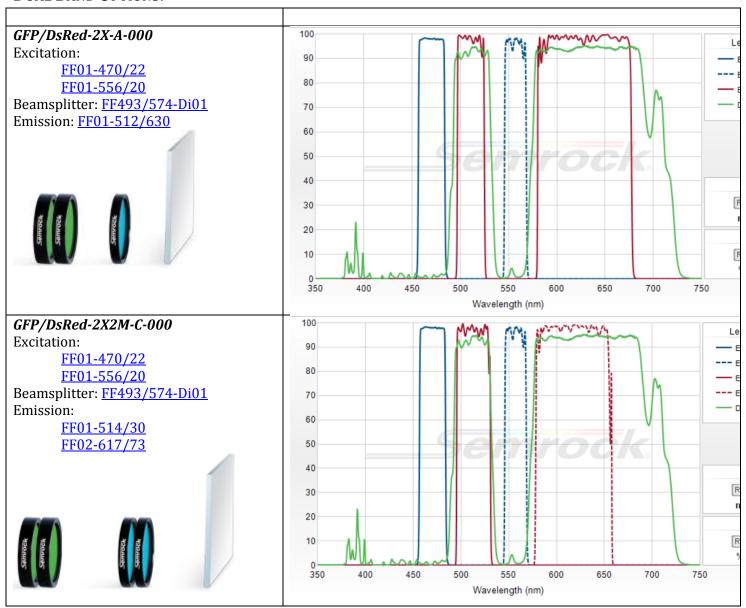
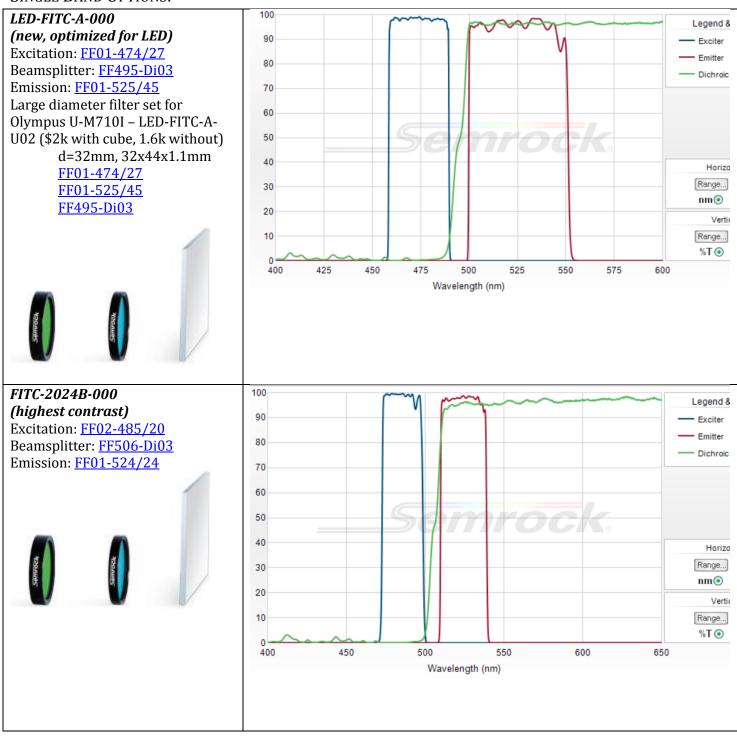


Table 1 – Filter sets. Standard sizes are sold individually at \$299 for single-band filters, , \$389 for dual-band filters, \$329 for dual-band Beamsplitters. + \$200 SIZING FEE per filter for non-standard size.

SINGLE BAND OPTIONS:



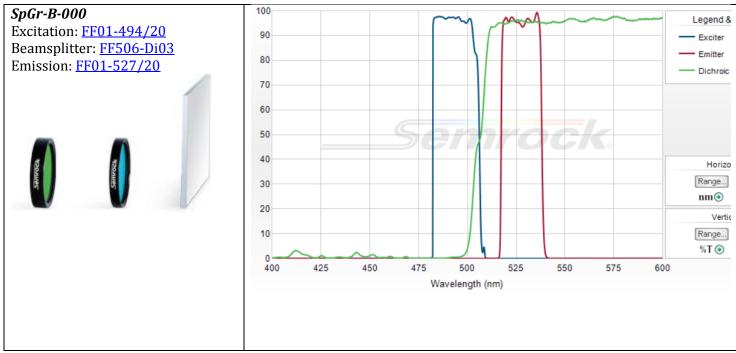


Table 2 - Larger Olympus sizes are typically >\$200 more than standard sizes regardless

LIGHT SOURCES

Current LED:

LEDengin LZ1-00B200 (**460nm**)

