

Common Fluorophores

<u>Dye(Source)</u>	<u>Excitation λ (nm)</u>	<u>Emission λ (nm)</u>
DAPI(1)	355-360	460-465
Europium(4)	340	615
Umbelliferone(3)	355	460
FITC(1)	485-490	515-520
Rhodamine Red(1)	568-573	588-593
Rhodamine Green(2)	495-500	521-526
TRITC(1)	550-555	578-583
Texas Red(1)	592-597	612-617
Cy3(1)	548-553	568-573
Cy5(1)	648-653	668-673
GFP(1)	484-489	505-510
YFP(1)	511-516	522-527
RFP/DsRed(1)	555-560	582-587
CFP(1)	480-485	472-477
5-FAM(2)	490-494	516-520
6-FAM(5)	495	517
TAMRA(1)	548-553	568-573
Source		
1. http://www.mcb.arizona.edu/IPC/spectra_page.htm		
2. http://probes.invitrogen.com/servlets/spectraviewer?fileid1=1300ph9		
DsRed/RFP Ref.: http://www.bio.davidson.edu/courses/Molbio/MolStudents/spring2000/reynolds_kenneally/Methods1.html		
3. http://las.perkinelmer.com/Catalog/ProductInfoPage.htm?ProductID=2100-5130		
4. http://las.perkinelmer.com/content/applicationnotes/app_delfiamultiplexingassays.pdf		
5. http://www.anaspec.com/products/product.asp?id=28823		