

```
[1] import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import matplotlib

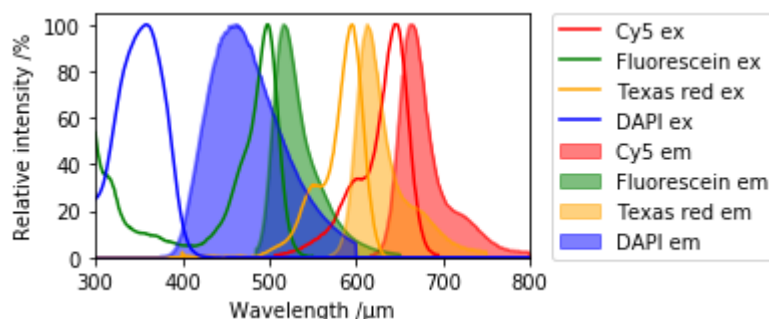
fig = plt.figure(figsize=(4,4/1.618),frameon=True)
matplotlib.rc('pdf', fonttype=42)

cy5 = cereal_df = pd.read_csv('./fluorophores/Cy5.csv')
fluo = cereal_df = pd.read_csv('./fluorophores/Fluorescein (FITC).csv')
dapi = cereal_df = pd.read_csv('./fluorophores/DAPI.csv')
tr = cereal_df = pd.read_csv('./fluorophores/Texas Red.csv')
ax = plt.gca()
cy5.plot(x='Wavelength',y='Excitation',linestyle='-', color='red',stacked
cy5.plot.area(x='Wavelength',y='Emission', ax=ax,linestyle='-', color='re
fluo.plot(x='Wavelength',y='Excitation', ax=ax,linestyle='-', color='gree
fluo.plot.area(x='Wavelength',y='Emission', ax=ax,linestyle='-', color='g
tr.plot(x='Wavelength',y='Excitation', ax=ax,linestyle='-', color='orange
tr.plot.area(x='Wavelength',y='Emission', ax=ax,linestyle='-', color='ora
dapi.plot(x='Wavelength',y='Excitation', ax=ax,linestyle='-', color='blue
dapi.plot.area(x='Wavelength',y='Emission', ax=ax,linestyle='-', color='b

ax.legend(bbox_to_anchor=(1.05, 1), loc=2, borderaxespad=0.)

plt.xlim([300,800])
plt.ylabel('Relative intensity %')
plt.xlabel('Wavelength /μm')
plt.tight_layout()

plt.savefig('./fluorophores/multi_plot.pdf',bbox_inches='tight')
plt.savefig('./fluorophores/multi_plot.png',bbox_inches='tight')
plt.show()
```



[]