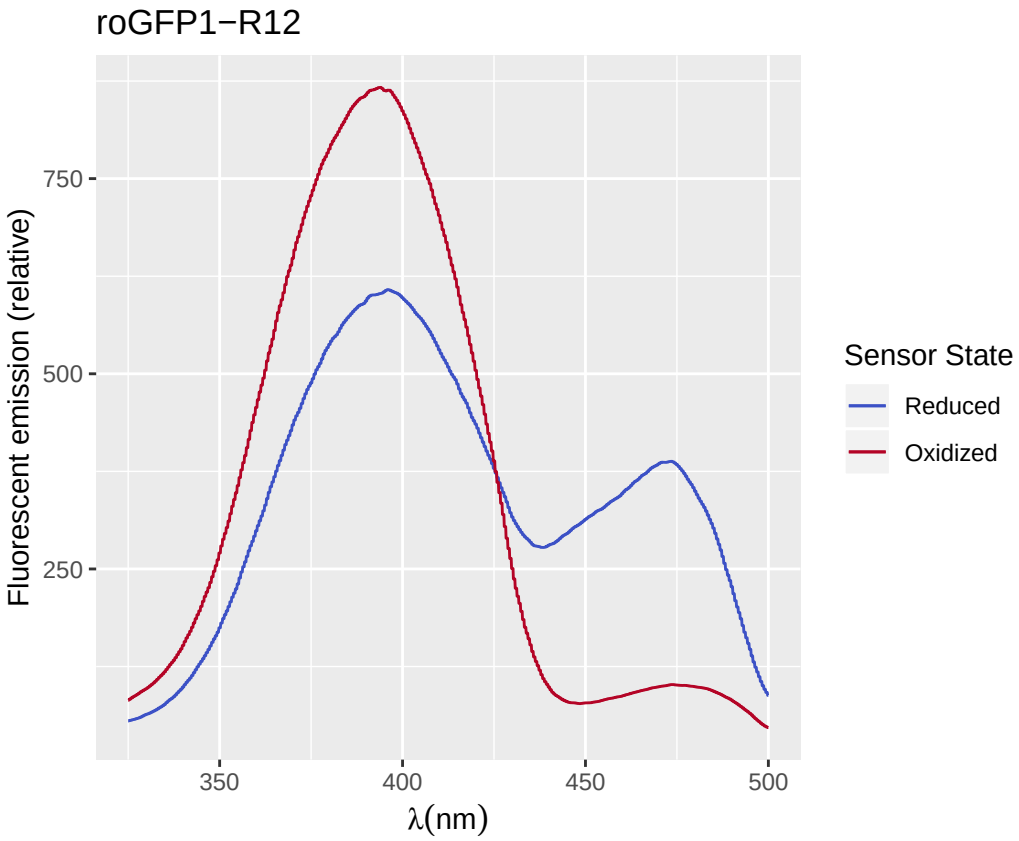
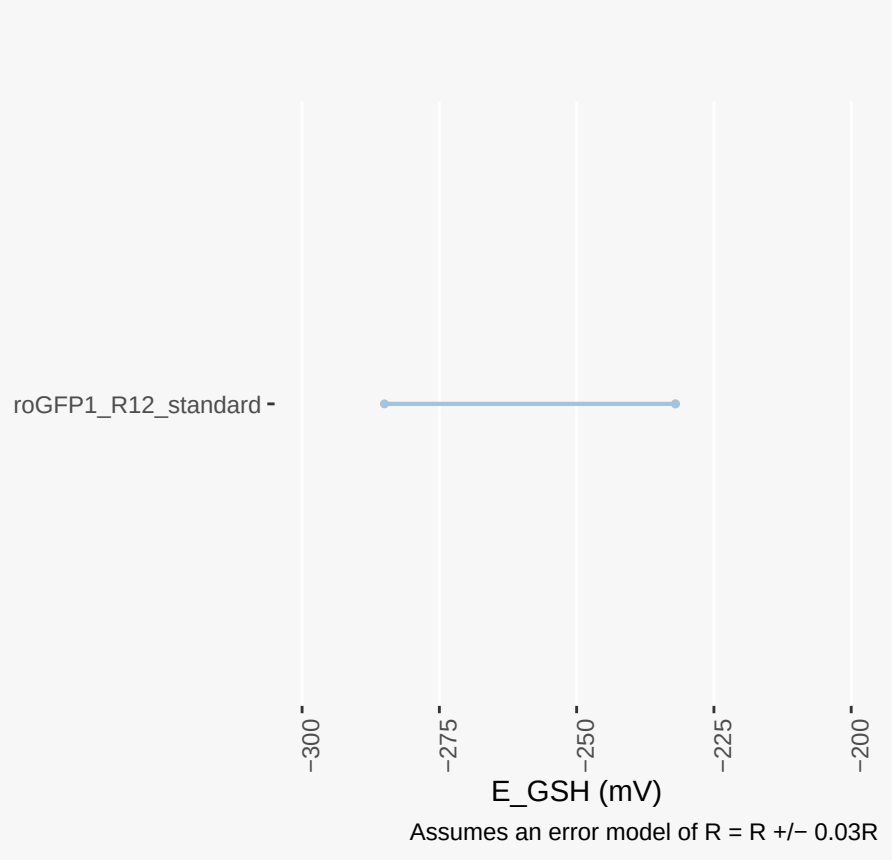
Ratio Flip

First, load the roGFP1_R12 spectra data

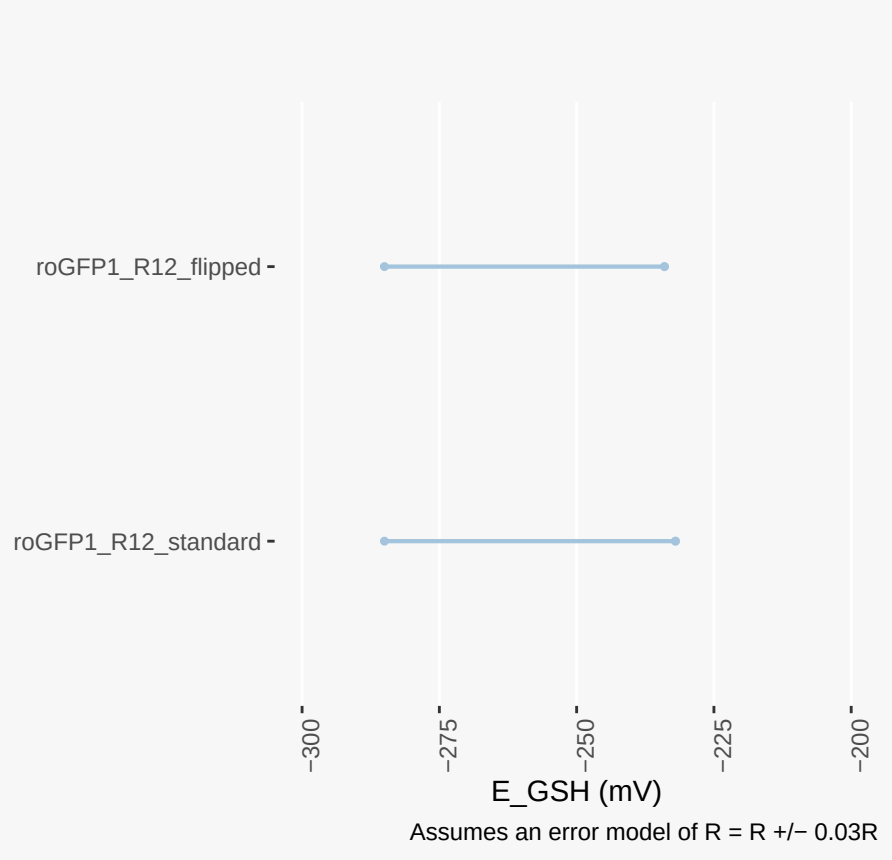


Now, we create the roGFP1-R12 sensor with the ratio $\frac{(390,410)}{(460,480)}$

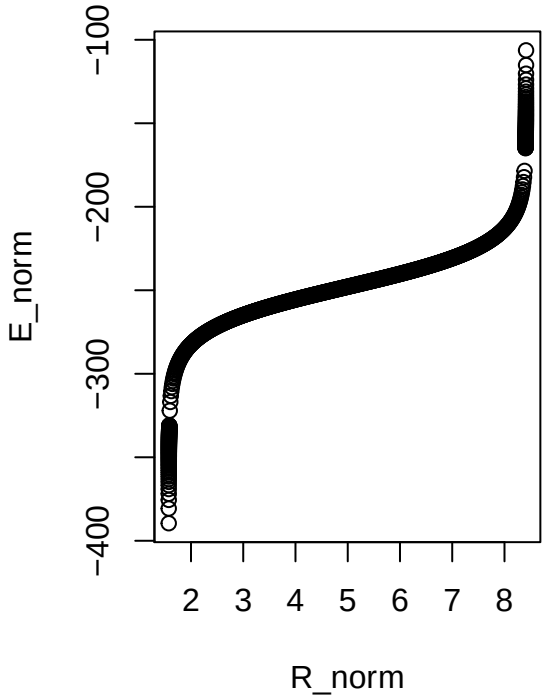
We can determine the suitable range for the normal roGFP1_R12 sensor:

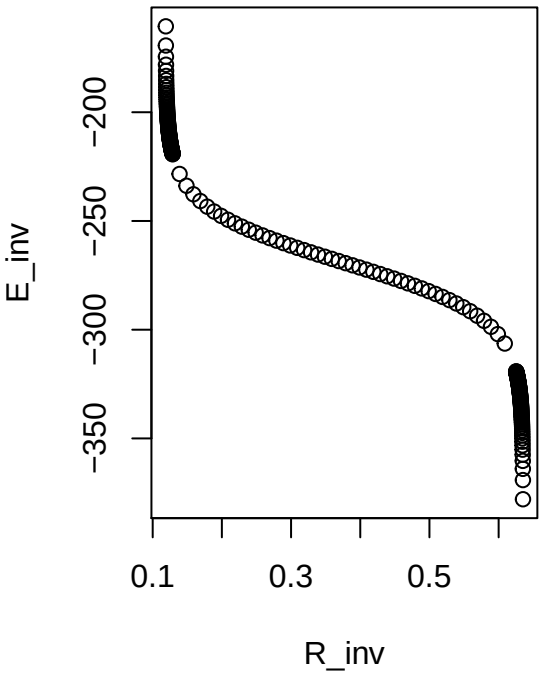


Now we can repeat the process for the roGFP1-R12 sensor with the ratio $\frac{(460,480)}{(390,410)}$




```
## Warning in log((object@delta * object@Rmax - object@delta * R)/(R -
## object@Rmin)): NaNs produced
```


E_norm
−100
−200
−300
−400
2
3
4
5
6
7
8
R_norm


E_inv
−200
−250
−300
−350
0.1
0.3
0.5
R_inv