



Erratum: Green fluorescent protein-based monitoring of endoplasmic reticulum redox poise

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A commentary on

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An error has been identified in the equation to calculate roGFP oxidation (OxD) after our article was published in Frontiers

in Genetics. The current equation wrongly features the ratio of ox/red average fluorescence emissions at 390 nm excitation in the denominator. This should be the ox/red ratio of average fluorescence emissions at 465 nm. Accordingly, the correct equation should read:

$$\text{OxD}_{\text{roGFP}} = \frac{R - R_{\text{red}}}{\frac{I_{465 \text{ nm ox}}}{I_{465 \text{ nm red}}} (R_{\text{ox}} - R) + (R - R_{\text{red}})}$$

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