FPB-xx-902

Fluorescent ProteinPaintbox™ - Pichia

Description

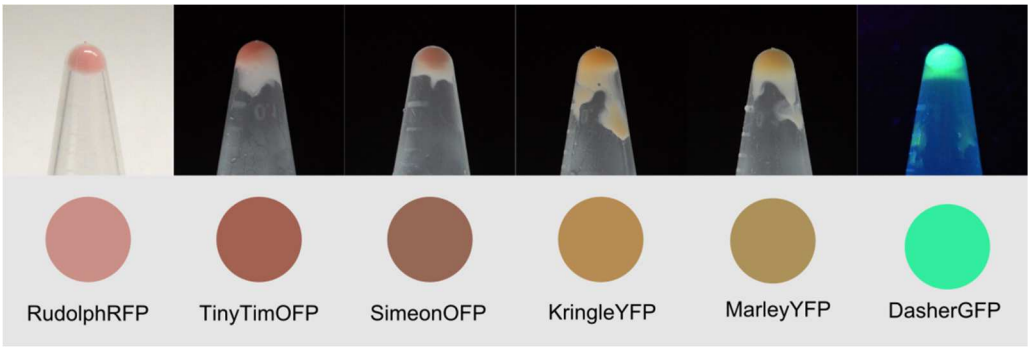
ATUM's synthetic non-aequorea fluorescent proteins are intended to be used as a source of different fluorescent protein coding sequences (genes) that can be amplified by PCR and cloned into any other expression vector of choice. These vectors can also be used as positive controls (AOX1 promoter) and allow monitoring of protein expression.

ATUM Vectors

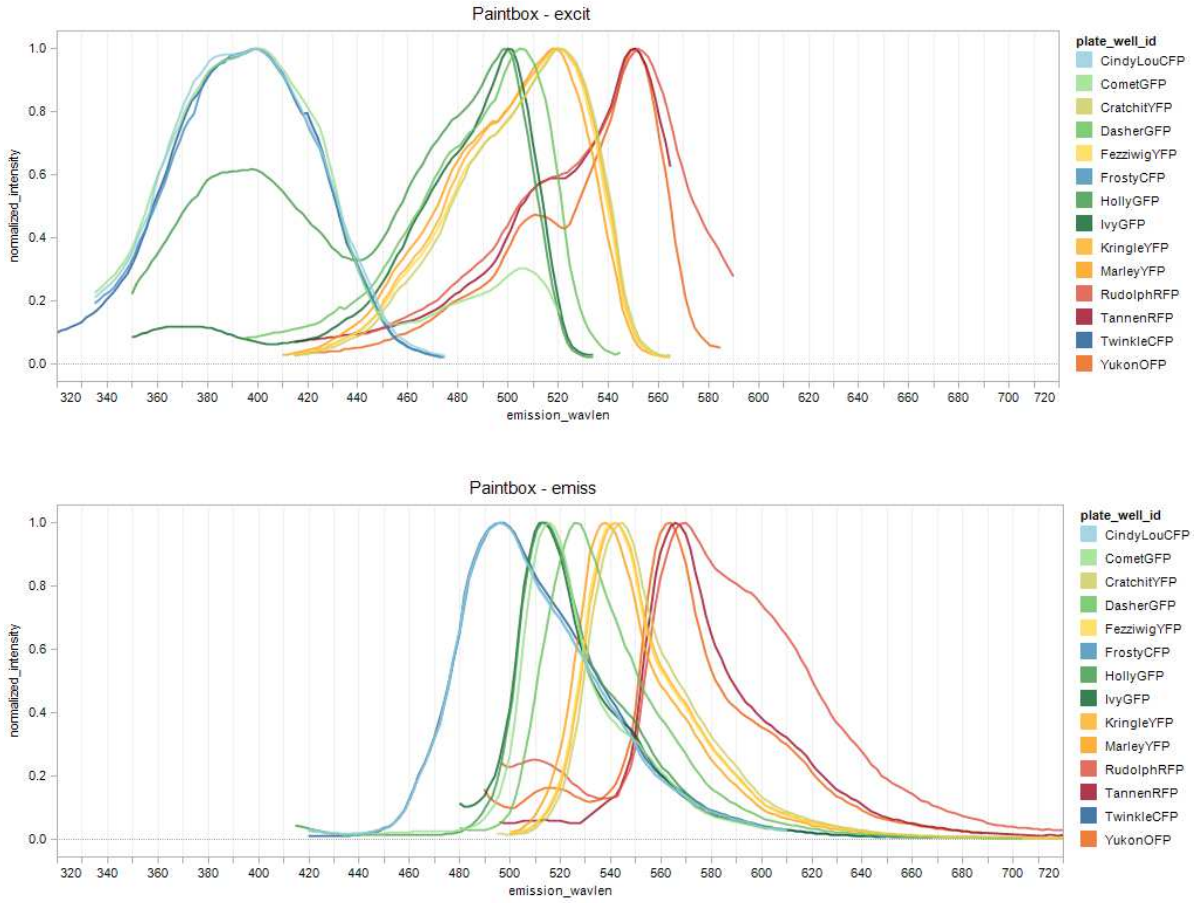
Cat #	Name	Ex. max (nm)	Em. max (nm)	Mol. Wt. kDa	Maturation at 37°C	Cell toxicity
FPB-23-902	MarleyYFP	520	538	26.4	Fast	not observed
FPB-27-902	DasherGFP	505	525	26.6	Fast	not observed
FPB-31-902	RudolphRFP	553	570	25.3	Fast	not observed
FPB-48-902	KringleYFP	520	542	26.4	Fast	not observed
FPB-51-902	SimeonOFP	550	563	25.4	Fast	not observed
FPB-52-902	TinyTimOFP	550	563	25.3	Fast	not observed
FPB-55-902	CayenneRFP	554	590	26.6	Fast	not observed
FPB-57-902	SerranoRFP	554	590	26.5	Fast	not observed

2ug Package size. Store at room temperature. Once DNA is re-suspended in water or TE, store at -20°C.

Fluorescent Protein expression (Pichia*)*

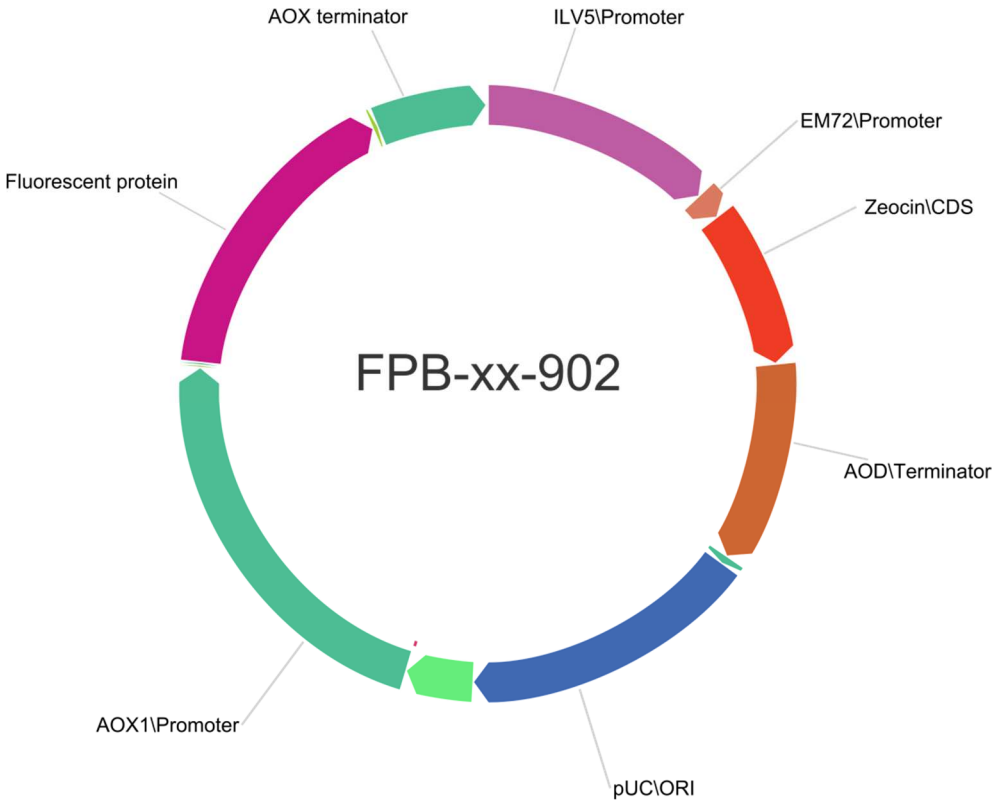


Excitation/Emission spectra



For individual spectra, please see www.atum.bio/products/protein-paintbox#Data2

Vector Map



Intellectual Property Statement

Available online: www.atum.bio/company/terms-and-conditions