



FPB-xx-609

## Fluorescent ProteinPaintbox© - Mammalian

### 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 (CMV promoter) and allow monitoring of protein expression.

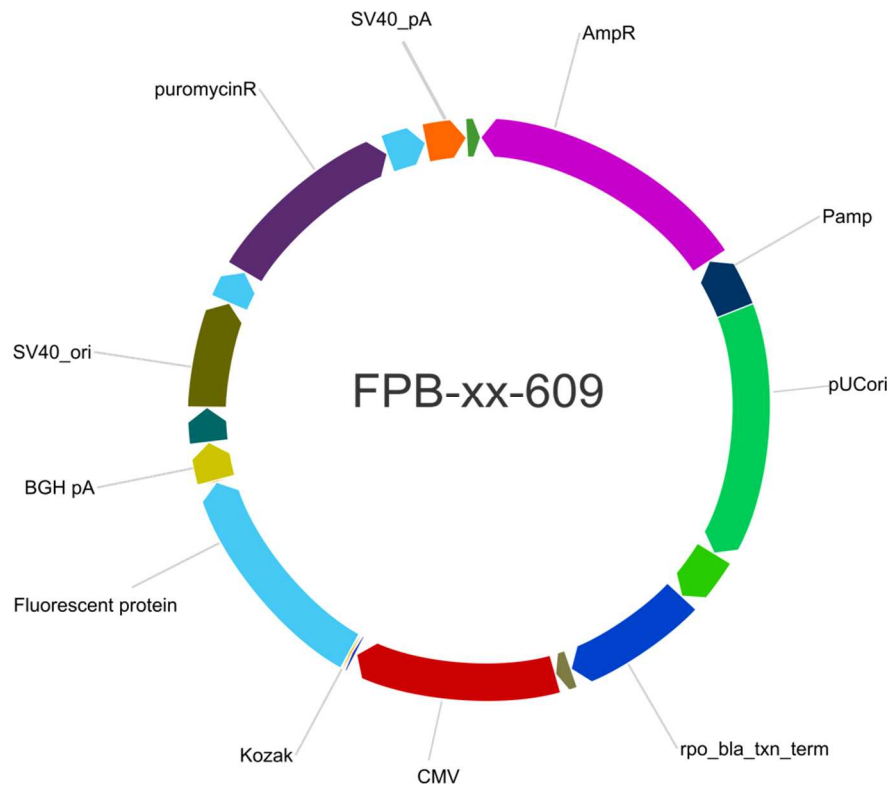
### ATUM Vectors

Cat # in pJ609	Name	Ex. max (nm)	Em. max (nm)	Mol. Wt. kDa	Length (aa)	Maturation at 37°C	Cell toxicity
FPB-20-609	CindyLouCFP	395	500	26.0	234 aa	Fast	not observed
FPB-47-609	TwinkleCFP	400	495	26.1	235 aa	Fast	not observed
FPB-59-609	PartridgeCFP	395	500	26.0	233 aa	Fast	not observed
FPB-60-609	SnowCFP	400	495	26.1	235 aa	Fast	not observed
FPB-26-609	CometGFP	395	515	26.4	237 aa	Fast	not observed
FPB-27-609	DasherGFP	505	525	26.6	237 aa	Fast	not observed
FPB-31-609	RudolphRFP	553	570	25.3	226 aa	Fast	not observed
FPB-54-609	FresnoRFP	553	592	26.0	233 aa	Fast	not observed
FPB-55-609	CayenneRFP	554	590	26.6	237 aa	Fast	not observed
FPB-56-609	PaprikaRFP	554	590	29.2	263 aa	Fast	not observed
FPB-57-609	SerranoRFP	554	590	26.5	237 aa	Fast	not observed
FPB-58-609	SantakaRFP	558	603	29.0	263 aa	Fast	not observed
FPB-62-609	MatchYFP	520	542	26.4	236 aa	Fast	not observed

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

### Excitation/Emission spectra

For individual spectra, please see [www.atum.bio/products/protein-paintbox#Data2](http://www.atum.bio/products/protein-paintbox#Data2)

**Vector Map****Intellectual Property Statement**

Available online: [www.atum.bio/company/terms-and-conditions](http://www.atum.bio/company/terms-and-conditions)