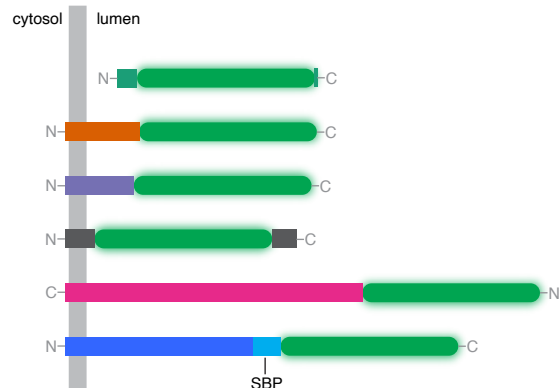
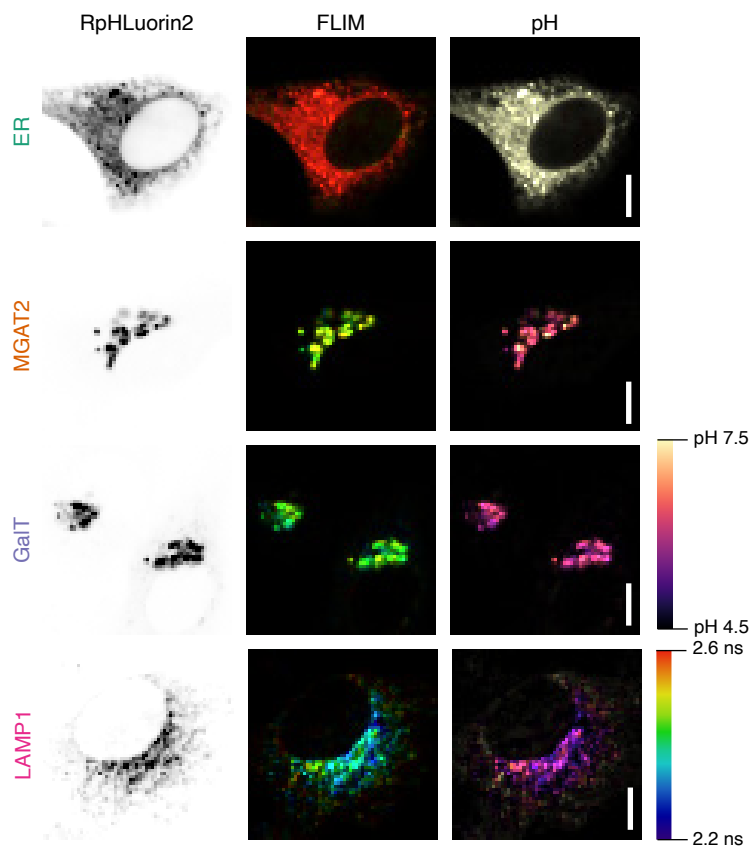


**a**

Construct	Localization	MW
ER-RpHLuorin2	ER	28.9 kDa
MGAT2-RpHLuorin2	<i>cis</i> /medial-Golgi	36.9 kDa
GalT-RpHLuorin2	<i>trans</i> -Golgi	35.8 kDa
GPI-RpHLuorin2	plasma membrane	34.6 kDa
LAMP1-RpHLuorin2	lysosomes	72.5 kDa
RUSH TNF $\alpha$ -RpHLuorin2	ER to plasma membrane	58.5 kDa

**b****c**