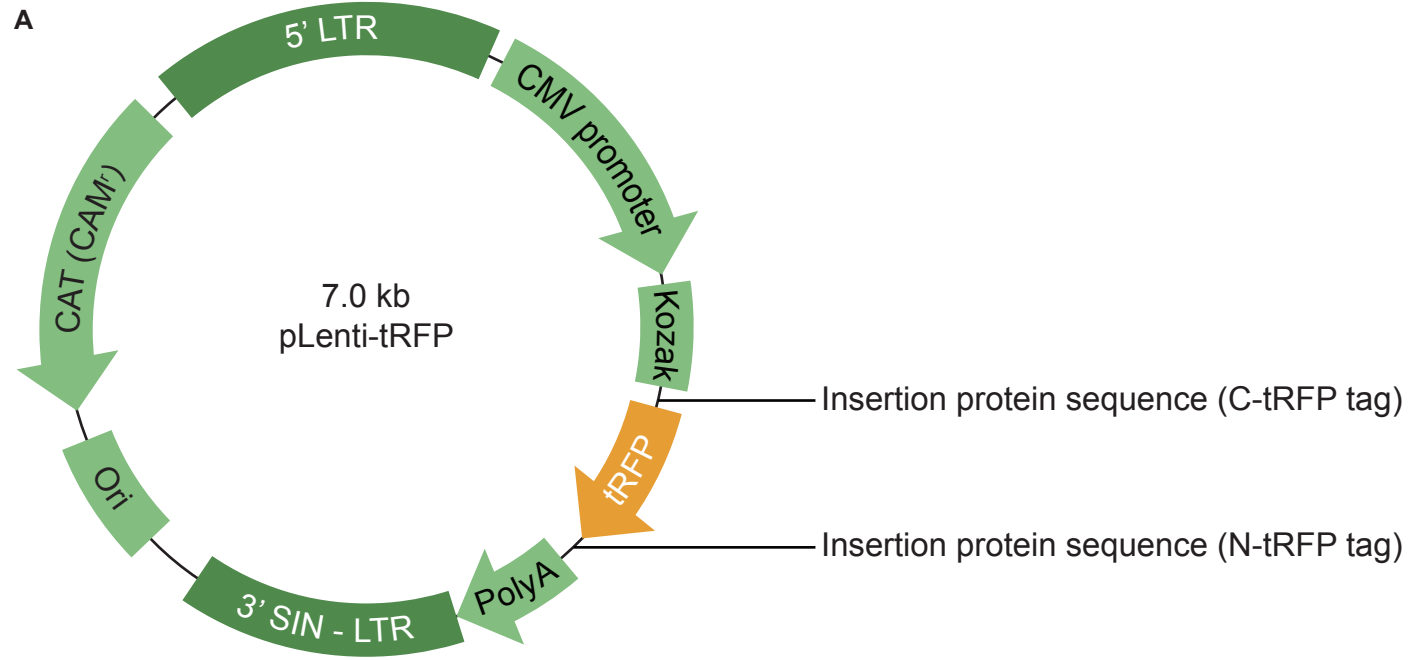


Supplemental Figure 1. Transduction of cells with lentiviral vectors encoding for specific cellular markers



B

Marker protein	Cellular structure	GENENAME	Base pairs	Tag
Actin, beta	Actin filaments	ACTB	1852 bp	N-tRFP tag
Calreticulin	Endoplasmatic reticulum	CALR	1929 bp	C-tRFP tag
Empty vector	-	-		C-tRFP tag
Intercellular adhesion molecule 1	Integrin signalling	ICAM1	3249 bp	C-tRFP tag
Microtubule-associated protein 1 light chain 3 beta	Autophagosomes	MAP1LC3B	2304 bp	N-tRFP tag
Pyruvate dehydrogenase alpha 1	Mitochondria	PDHA1	3390 bp	C-tRFP tag
RAB5A, member RAS oncogene family	Early endosome	RAB5A	2548 bp	N-tRFP tag
RAB7A, member RAS oncogene family	Late endosome	RAB7A	2240 bp	N-tRFP tag
RAB11A, member RAS oncogene family	Recycle endosome	RAB11A	4943 bp	N-tRFP tag