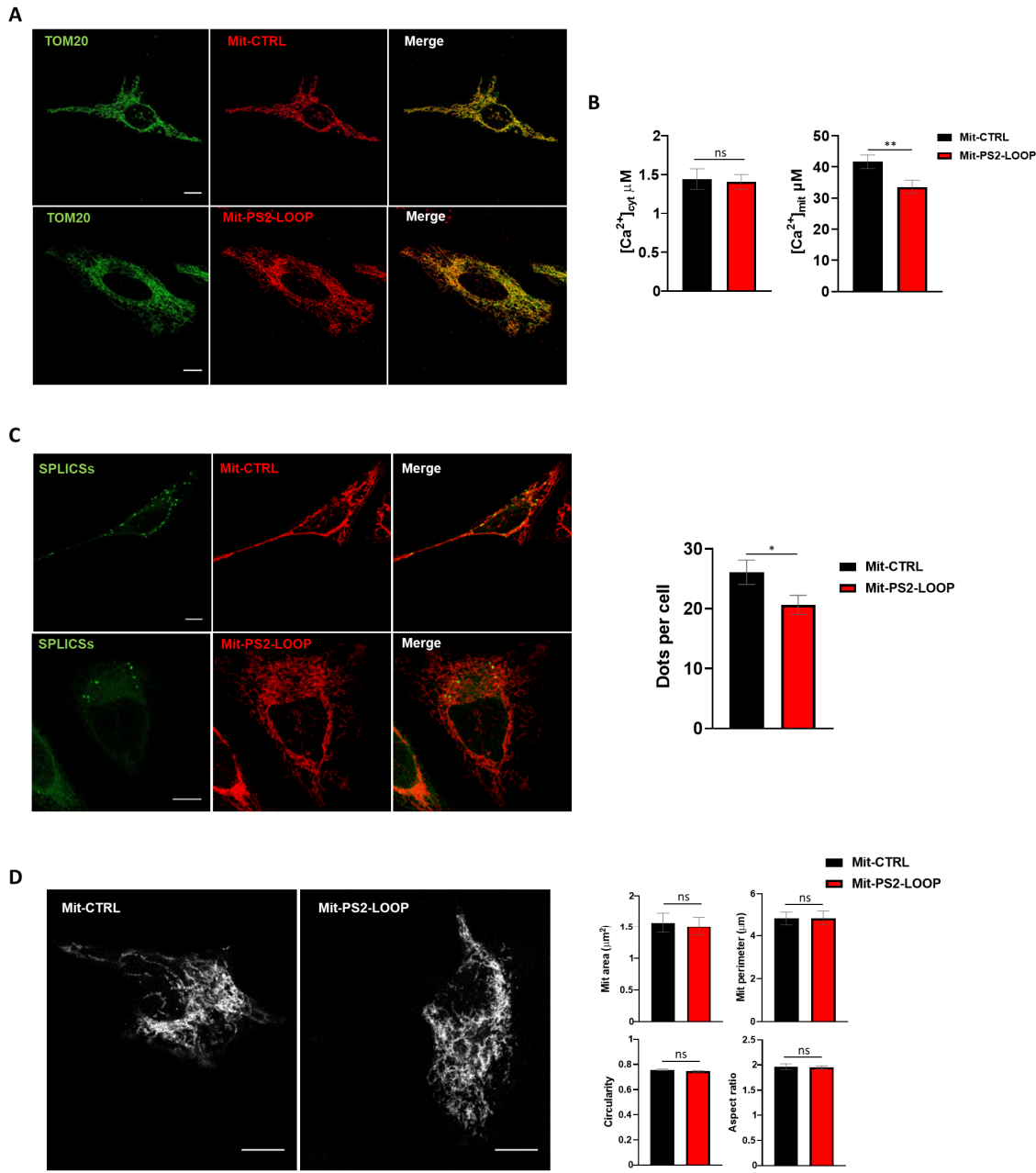


Supplementary Figure S1

HeLa cells



Supplementary Table S1

FIGURE 1				Test	p value					Test	p value					Test	p value
Figure 1B	CTRL vs CTRL pre-depleted	MW	0.0003	Figure 1C	CTRL vs CTRL pre-depleted	MW	0.0005										
	CTRL vs PS2-CTF	MW	0.0008		CTRL vs PS2-CTF	MW	0.001										
	CTRL vs PS2-WT	MW	0.0025		CTRL vs PS2-WT	MW	0.001										
	CTRL dep vs PS2-CTF	MW	0.0038		CTRL dep vs PS2-CTF	MW	0.0029										
	CTRL dep vs PS2-WT	MW	0.0003		CTRL dep vs PS2-WT	MW	<0.0001										
	PS2-CTF vs PS2-WT	MW	0.0864		PS2-CTF vs PS2-WT	MW	0.2123										
FIGURE 2																	
Figure 2E	BK + CPA	MW	0.5996	Figure 2F	BK + CPA	TT	0.6826										
	FCS + CPA	TT	0.8327		FCS + CPA	MW	>0.9999										
FIGURE 3																	
Figure 3D	BK+CPA	TT	0.5649	Figure 3E	BK+CPA	TT	0.0026	Figure 3F	CCE cyt	MW	0.9276						
	FCS+CPA	TT	0.9791		FCS+CPA	TT	0.0175		CCE mit	MW	0.8801						
FIGURE 4																	
Figure 4B	CTRL: Mit-CTRL vs Mit-PS2- LOOP	MW	0.9406	Figure 4C	CTRL: Mit-CTRL vs Mit-PS2- LOOP	MW	0.4212	Figure 4D	CTRL: Mit-CTRL vs Mit-PS2- LOOP	MW	0.5499						
	FAD-PS2: Mit-CTRL vs Mit-PS2- LOOP	MW	0.0339		FAD-PS2: Mit-CTRL vs Mit-PS2- LOOP	MW	0.9755		FAD-PS2: Mit-CTRL vs Mit-PS2- LOOP	MW	0.0283						
	CTRL Mit-CTRL vs FAD-PS2 Mit-CTRL	MW	0.0456		CTRL: Mit-CTRL vs FAD-PS2: Mit-CTRL	MW	0.0332		CTRL: Mit-CTRL vs FAD-PS2: Mit-CTRL	MW	<0.0001						
	CTRL Mit-PS2- LOOP vs FAD-PS2 Mit-PS2- LOOP	MW	0.0319		CTRL Mit-PS2- LOOP vs FAD-PS2: Mit-PS2- LOOP	MW	0.0206		CTRL: Mit-PS2- LOOP vs FAD-PS2: Mit-PS2- LOOP	MW	<0.0001						
Figure 4F	CTRL: Mit-CTRL vs Mit-PS2- LOOP	MW	0.2704	Figure 4G	CTRL: Mit-CTRL vs Mit-PS2- LOOP	MW	0.1391										
	FAD-PS2: Mit-CTRL vs Mit-PS2- LOOP	MW	0.2293		FAD-PS2: Mit-CTRL vs Mit-PS2- LOOP	MW	<0.0001										
	CTRL: Mit-CTRL vs FAD-PS2: Mit-CTRL	MW	0.0214		CTRL: Mit-CTRL vs FAD-PS2: Mit-CTRL	MW	<0.0001										
	CTRL: Mit-PS2- LOOP vs FAD-PS2: Mit-PS2- LOOP	MW	0.0468		CTRL: Mit-PS2- LOOP vs FAD-PS2: Mit-PS2- LOOP	MW	0.0005										
					CTRL: Mit-CTRL vs FAD-PS2: Mit-PS2- LOOP	MW	<0.0001										
					CTRL: Mit-PS2- LOOP vs FAD-PS2: Mit-CTRL	MW	<0.0001										
FIGURE S1																	
Figure S1A	CytAEQ	MW	0.763	Figure S1B	CTRL vs PS2	MW	0.0306	Figure S1C	MitArea	TT	0.797						
	MitAEQ	TT	0.0096		Mit perimeter	TT	0.9583										
					Circularity	TT	0.1968										
								Aspect Ratio (AR)	MW	0.517							