

Table S5: Actual P values for each experiment

Figure no.	Cell line	Gene	n	p. value	Figure no.	Cell line	Gene	n	p. value		
4	CFP15a	SC35 1.6 2h	4	1.87E-05	6	HEK293	SMG1 siUPF1/scr 2h	6	1.27E-02		
		SC35 1.6 3h	4	7.70E-04			SMG1 siUPF1/scr 2h	6	2.06E-03		
		SC35 1.6 5h	5	3.04E-05			SMG1 siUPF1/scr 3h	4	5.13E-03		
		SC35 1.7 2h	4	4.84E-04			SMG1 siUPF1/scr 3h	4	1.34E-02		
		SC35 1.7 3h	4	5.71E-03			ATF3 siUPF1/scr 2h	5	5.61E-03		
		SC35 1.7 5h	5	1.54E-03			ATF3 siUPF1/scr 2h	5	2.76E-03		
		CFTR 2h	4	1.75E-02			ATF3 siUPF1/scr 3h	5	4.98E-04		
		CFTR 3h	4	7.14E-04			ATF3 siUPF1/scr 3h	5	7.92E-03		
		CFTR 5h	5	8.16E-03			SC35 1.6 siPERK/scr 3h	3	1.56E-02		
	LPIN1	SC35 1.6 2h	4	2.45E-03		CARS siPERK/scr 3h	3	3.05E-02			
		SC35 1.6 3h	4	3.92E-03		SMG1 siPERK/scr 3h	3	2.66E-03			
		SC35 1.6 5h	4	4.19E-04		spliced XBP1 (scr/siPERK)	3	5.00E-02			
		SC35 1.7 2h	4	4.39E-04		spliced XBP1	3	1.88E-02			
		SC35 1.7 3h	4	1.59E-03		S2	CFP15a	SC35 1.6	3	2.71E-03	
		SC35 1.7 5h	4	1.04E-04				SC35 1.7	3	2.67E-02	
		LPIN 1 2h	4	2.16E-03				CFTR	3	4.98E-02	
		P133	LPIN 1 3h	4			2.19E-02	LPIN1	SC35 1.6	3	1.94E-05
			LPIN 1 5h	4			5.12E-05		SC35 1.7	3	9.54E-04
	SC35 1.6 2h		3	9.13E-04			P133		SC35 1.6	3	3.26E-03
	SC35 1.6 3h		3	5.21E-05				SC35 1.7	3	6.71E-03	
	SC35 1.6 5h		3	1.50E-02				XLF11	3	1.50E-03	
SC35 1.7 2h	3		4.37E-02	S3	HEK293		SC35 1.6 siUPF1	6	1.57E-05		
SC35 1.7 3h	3		2.24E-03			SC35 1.6 2h	3	3.72E-03			
SC35 1.7 5h	3		5.72E-02			SC35 1.6 3h	3	7.46E-04			
XLF1 3h	3		5.75E-03			SC35 1.6 5h	3	1.61E-04			
XLF1 5h	3	7.57E-04	SC35 1.7 siUPF1			7	3.23E-05				
5	HEK293	SC35 1.6	6			1.57E-05	SC35 1.7 2h	3	4.14E-03		
		SC35 1.7	6			3.23E-05	SC35 1.7 3h	3	2.08E-04		
		CARS	6			4.11E-05	SC35 1.7 5h	3	5.41E-03		
	HeLa	SC35 1.6	7			3.93E-07	CARS siUPF1	8	4.11E-05		
		SC35 1.7	6	4.32E-05	CARS 2h	3	1.32E-02				
		CARS	5	6.36E-05	CARS 3h	3	2.74E-03				
	CFP15a	SC35 1.6	4	2.71E-03	CARS 5h	3	2.90E-04				
		SC35 1.7	4	2.67E-02	SC35 1.6 siUPF1	7	3.93E-07				
		CARS	4	1.36E-02	SC35 1.6 2h	3	7.30E-03				
6	HEK293	ATF3	3	7.81E-03	SC35 1.6 3h	3	2.23E-03				
		ATF4	3	2.35E-03	SC35 1.6 5h	3	3.33E-05				
		CHOP	3	4.07E-02	SC35 1.7 siUPF1	6	4.32E-05				
		ASNS	3	1.21E-02	SC35 1.7 3h	3	6.47E-03				
		UPF2 siUPF1	3	2.70E-02	SC35 1.7 5h	3	1.39E-03				
		UPF2 DTT 2h	3	4.90E-02	CARS siUPF1	5	6.36E-05				
		UPF2 DTT 5h	3	1.05E-02	CARS 2h	3	1.84E-02				
		UPF3a DTT 2h	3	4.93E-02	CARS 3h	3	9.50E-03				
		UPF3b siUPF1	3	1.08E-02	CARS 5h	3	1.02E-03				
	HeLa	UPF3b DTT 2h	3	1.14E-02	CFP15a	SC35 1.6 siUPF1	4	2.71E-03			
		UPF3b DTT 5h	3	8.88E-04		SC35 1.6 2h	4	1.87E-05			
		SMG1 siUPF1	3	9.12E-03		SC35 1.6 3h	3	7.70E-04			
		SMG1 DTT 2h	3	1.79E-04		SC35 1.6 5h	5	3.04E-05			
		SMG1 DTT 5h	3	1.80E-05		SC35 1.7 siUPF1	4	2.67E-02			
		SMG5 siUPF1	3	6.01E-03		SC35 1.7 2h	4	4.84E-04			
		SMG5 DTT 2h	3	2.18E-02		SC35 1.7 3h	3	5.71E-03			
		SMG5 DTT 5h	3	6.11E-04		SC35 1.7 5h	5	1.54E-03			
		SMG6 DTT 2h	3	3.91E-03		CARS siUPF1	3	1.36E-02			
	HEK293	SMG6 DTT 5h	3	4.37E-04	S4	HEK293	spliced XBP1 siUPF1	8	1.39E-05		
		SMG7 DTT 2h	3	1.08E-02			spliced XBP1 2h	3	4.10E-03		
		SMG7 DTT 5h	3	1.12E-02			spliced XBP1 3h	3	6.78E-04		
		spliced XBP1 (scr/siUPF1)	5	2.97E-02			spliced XBP1 5h	3	5.95E-04		
		SC35 1.6 siUPF1/scr 2h	6	9.18E-05			HeLa	spliced XBP1 siUPF1	7	4.96E-05	
		SC35 1.6 siUPF1/scr 2h	6	3.28E-04			spliced XBP1 2h	3	1.56E-02		
		SC35 1.6 siUPF1/scr 3h	5	1.44E-03			spliced XBP1 3h	4	4.39E-05		
		SC35 1.6 siUPF1/scr 3h	5	6.38E-04			spliced XBP1 5h	4	1.42E-04		
		CARS siUPF1/scr 2h	6	2.96E-02			CFP15a	spliced XBP1 siUPF1	4	2.91E-03	
	CARS siUPF1/scr 2h	6	2.68E-02	spliced XBP1 2h	4	1.47E-04					
	CARS siUPF1/scr 3h	5	2.92E-02	spliced XBP1 3h	3	8.11E-04					
	CARS siUPF1/scr 3h	5	1.73E-02	spliced XBP1 5h	5	1.16E-03					

(n) = number of independent experiments