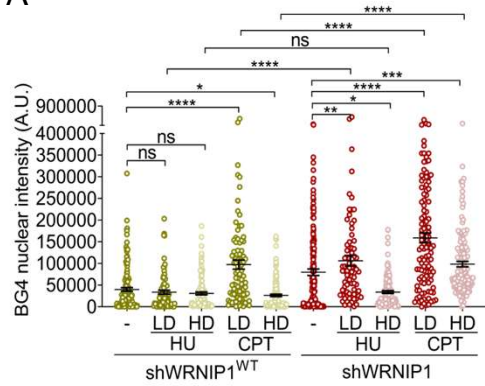
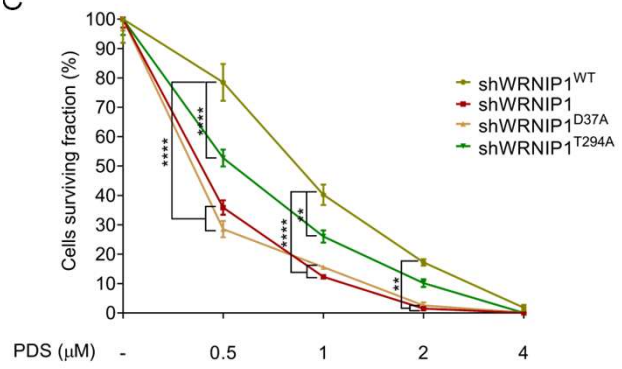


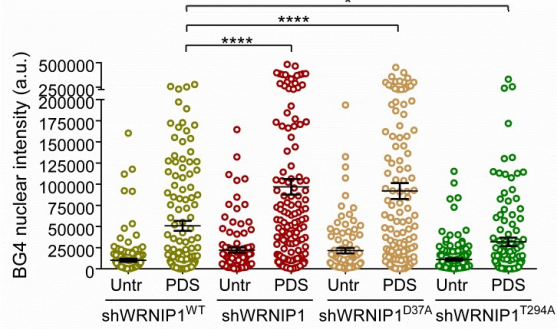
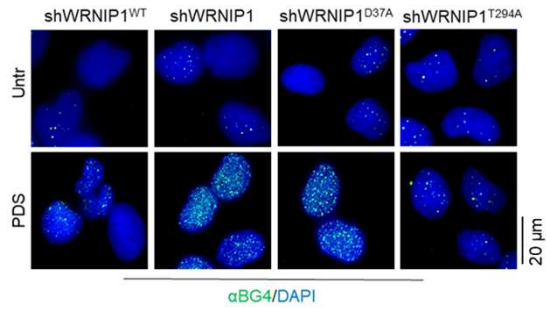
A



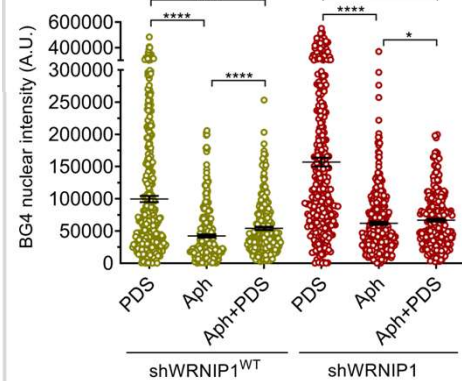
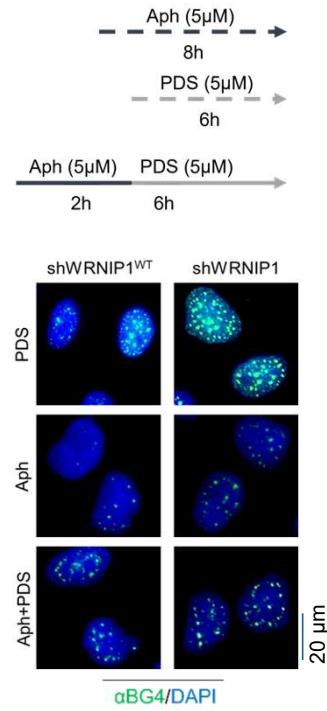
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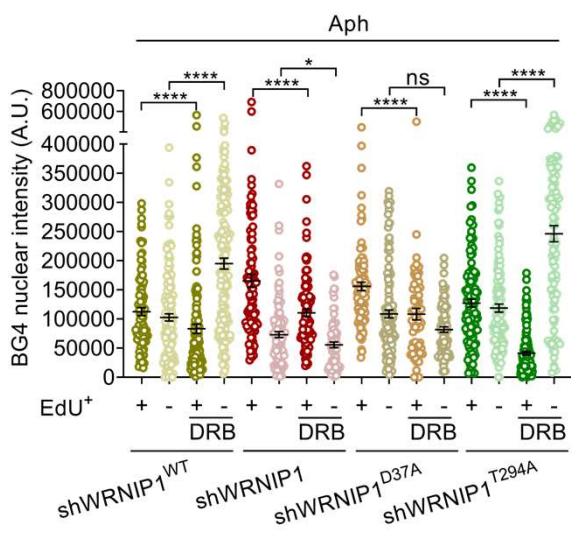
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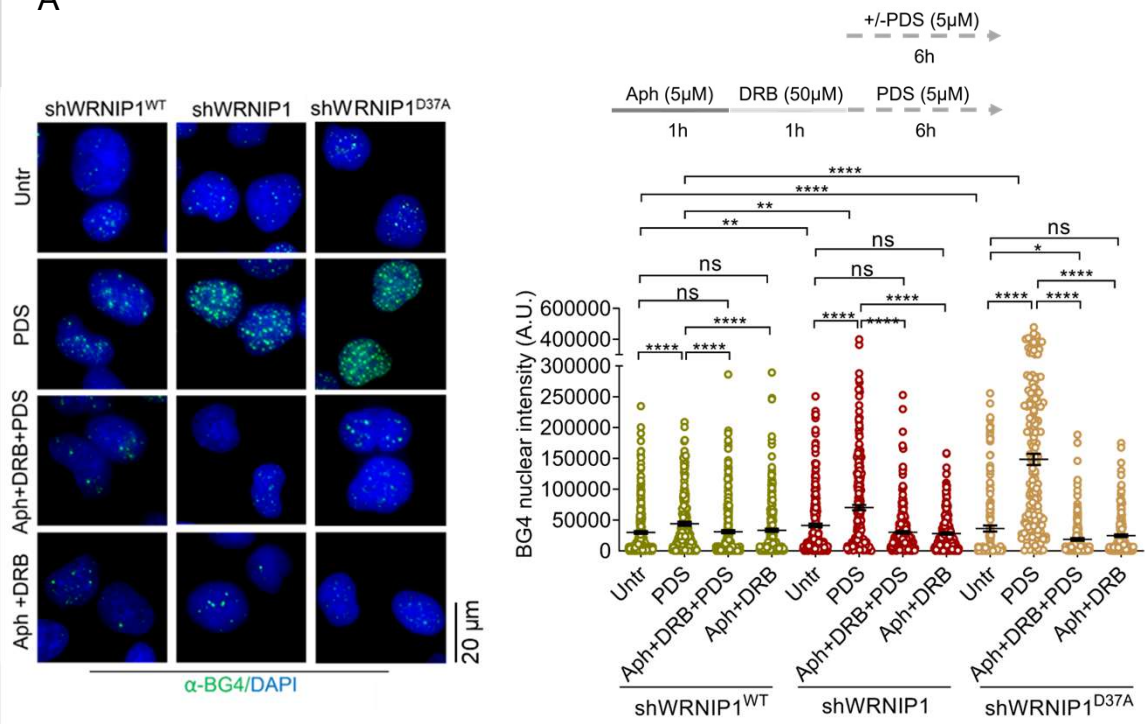
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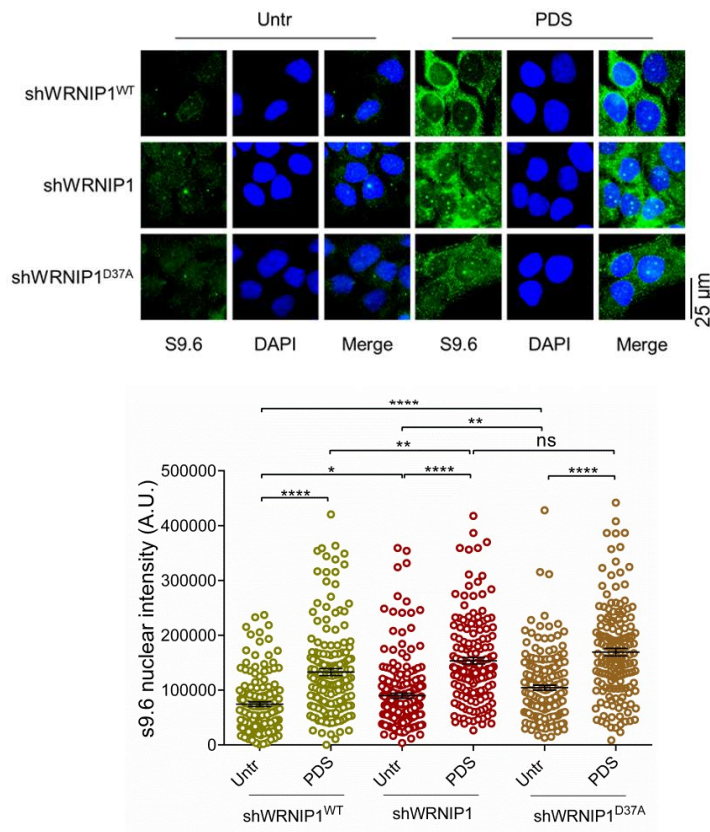
E



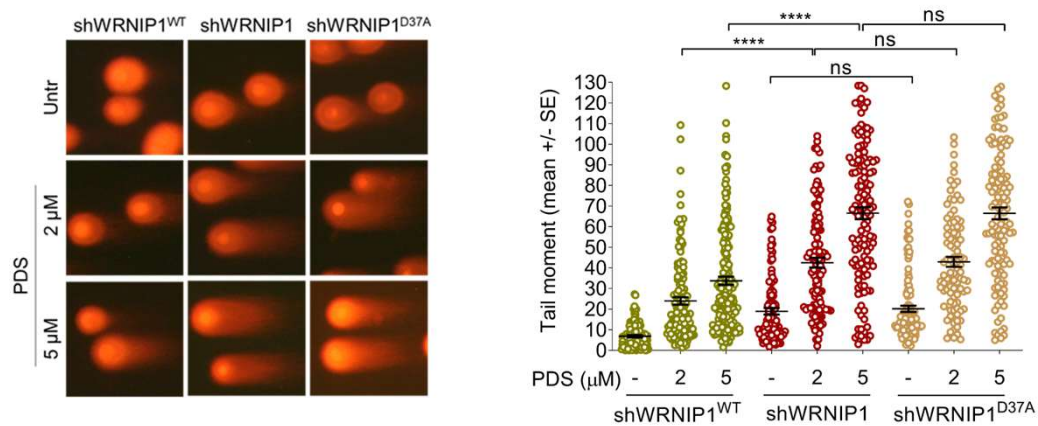
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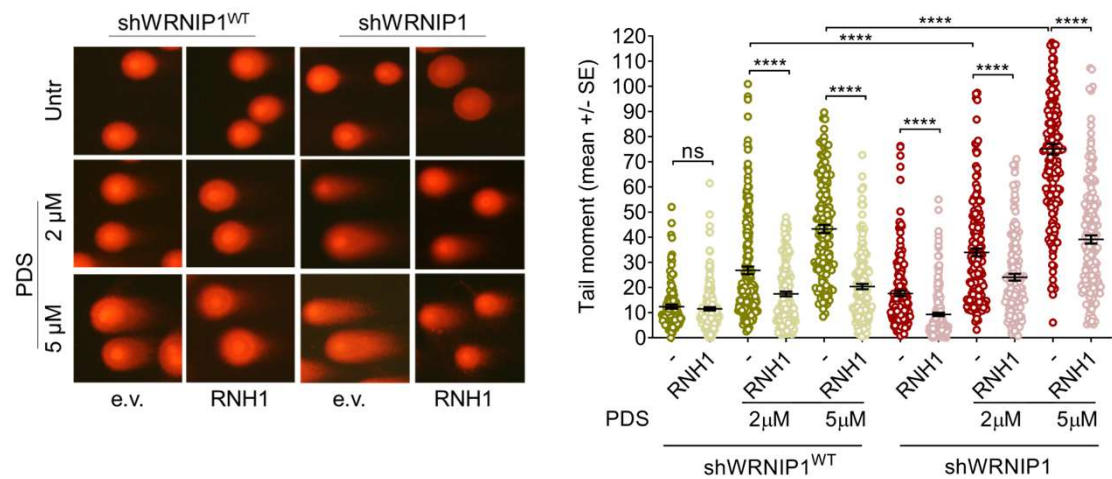
B



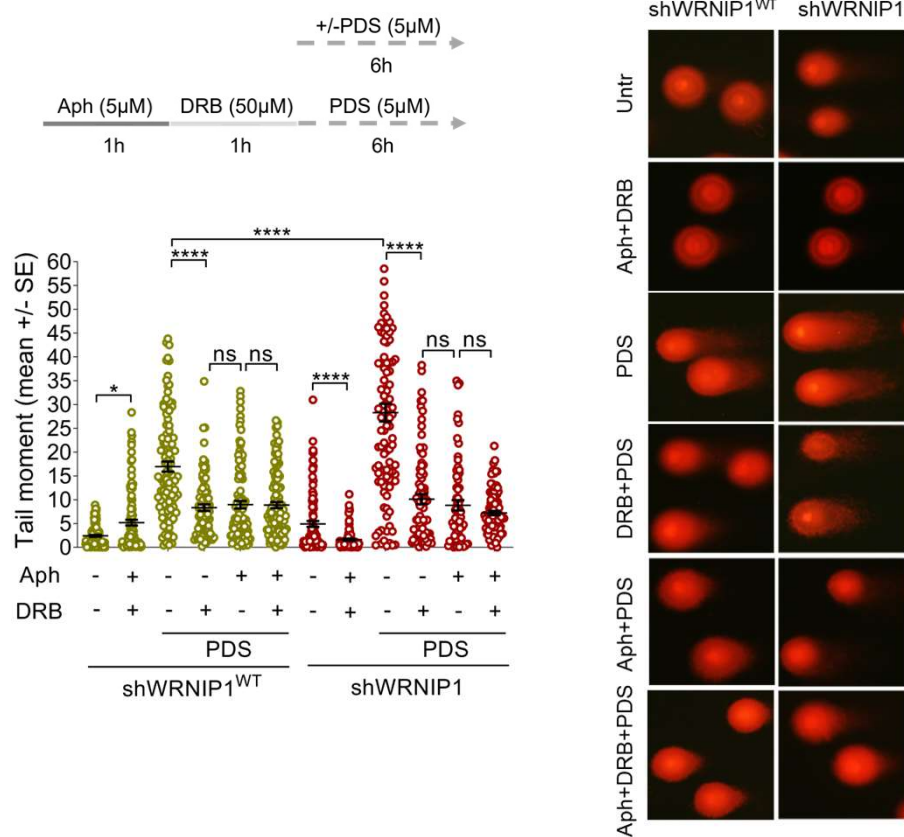
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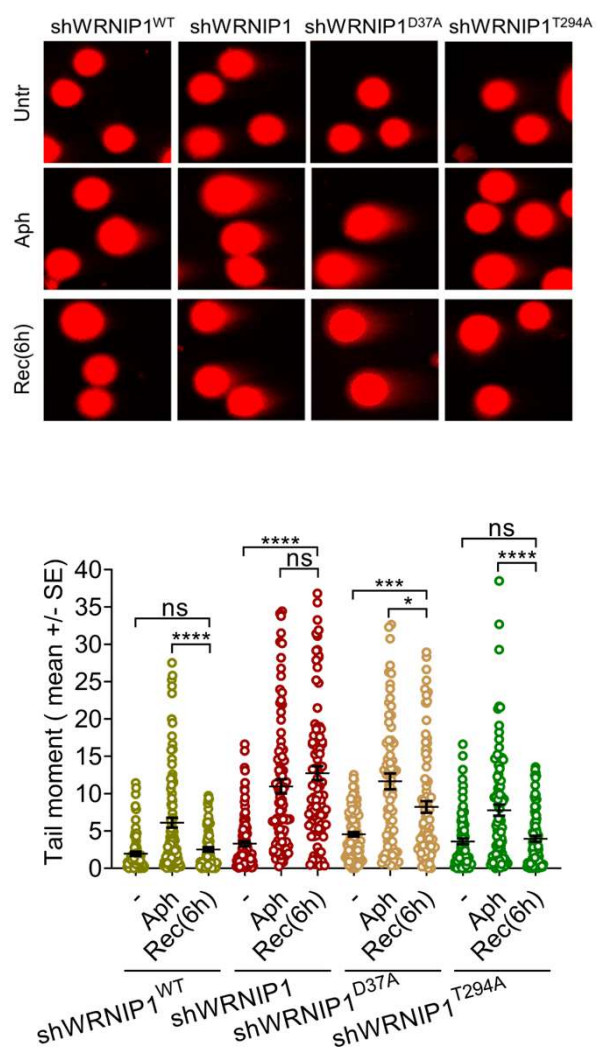


B



C





		HEK293T		
		NT	eGFP-FANCJ	
Aph		-	-	+
MG132		+	+	+
FANCJ	-			
WRNIP1	-			
		IP		

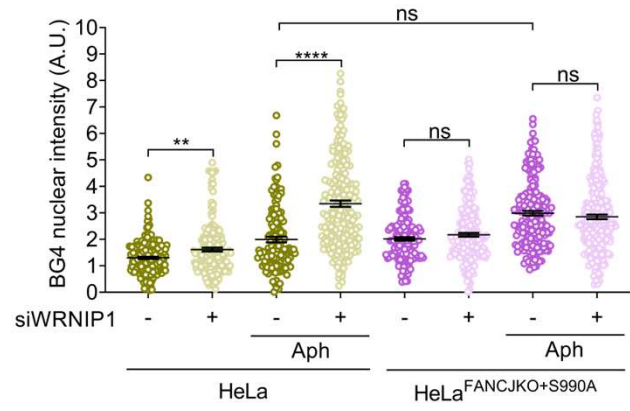
	MRC5SV			shWRNIP1			shWRNIP1 ^{D37A}			shWRNIP1 ^{T294A}		
Aph 0.4 μ M	-	+	+	-	+	+	-	+	+	-	+	+
DRB 50 μ M	-	-	+	-	-	+	-	-	+	-	-	+
FANCJ												
LAMIN B1												
FANCJ/LAMIN B1 (Fold increase)	1,0	1,4	0,9	0,6	0,7	0,6	0,6	0,8	0,6	1,0	1,4	1,0
	Chromatin											

	Aph (5μM)			DRB (50μM)			PDS (5μM)					
	1h			1h			6h					
							+/-PDS (5μM)					
							6h					
	MRC5SV			shWRNIP1			MRC5SV			shWRNIP1		
Aph 1μM	-	-	+	-	-	+	-	-	+	-	-	+
DRB 50μM	-	-	+	-	-	+	-	-	+	-	-	+
PDS 5μM	-	+	+	-	+	+	-	+	+	-	+	+
FANCD1												
LAMIN B1												
FANCD1/LAMIN B1 (Fold increase)	1.0	1.5	1.1	0.6	0.9	0.7	1.0	1.0	0.8	0.5	0.5	0.4
	Chromatin						Input					

D	U2OS					
	siCTRL			siWRNIP1		
Aph	-	+	+	-	+	+
DRB	-	+	-	-	+	-
FANCD1						
WRNIP1						
GAPDH						

[illegible]

A



B

