**Table S1.** Summary of electron microscopy of replication intermediates(related to Figures 1 and 5). Percentage of reversed forks and numberof replication intermediates scored per sample is shown.

Related to Figure 1			
No added stress	Control	RADX∆	siRADX
Experiment 1	11% (82)	18% (91)	21% (91)
Experiment 2	11% (75)	22% (83)	23% (88)
Experiment 3	10% (81)	23% (77)	24% (76)
Related to Figure 5			
5h HU (3mM)	Control	RADX∆	siRADX
Experiment 1	28% (75)	16% (97)	21% (97)
Experiment 2	25% (84)	18% (70)	19% (78)
Experiment 3	21% (95)	10% (76)	
Experiment 4	25% (77)	18% (85)	19% (86)