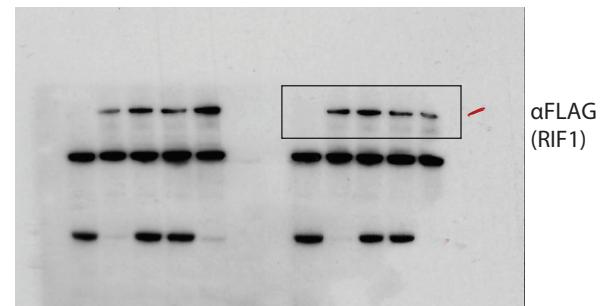


WT	Rif1 ^{FH/FH}
+	-
-	-
-	-

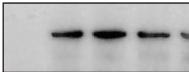
HU
ATMi
ATRi



C

WT Rif1^{FH/FH}

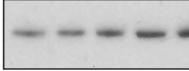
+	-	+	+	+	HU
-	-	-	+	-	ATMi
-	-	-	-	+	ATRi



αFLAG (RIF1)



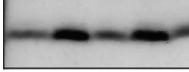
αpCHK1



αCHK1



αγH2AX



αH2AX



αVinculin

WT Rif1^{FH/FH}

+	-	+	+	+	HU
-	-	-	+	-	ATMi
-	-	-	-	+	ATRi

αpCHK1

αpCHK1

Chk1 & H2AX (Sandhya MSIP)

WT Rif1^{FH/FH}

+	-	+	+	+	HU
-	-	-	+	-	ATMi
-	-	-	-	+	ATRi

→ Chk1 αCHK1

→ H2AX αH2AX

WT	R3
+	-
-	-
-	-

HU
ATMi
ATRi

WT	R4
+	-
-	-
-	-

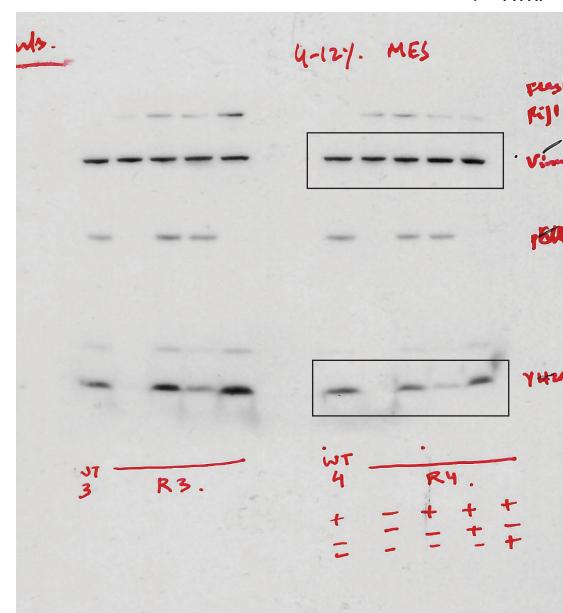


Figure 4