

Supplementary Figures

Figure S1.

Mass spectra of tryptic phospho-peptides **pS**ELSQQSQHEVNEDSR,
SEL**pS**QSQHEVNEDSR and SELSQ**pS**QHEVNEDSR

Figure S2.

UV radiation increases phosphorylation of the endogenous MCC protein in SW620 colorectal cancer cells.

Figure S3.

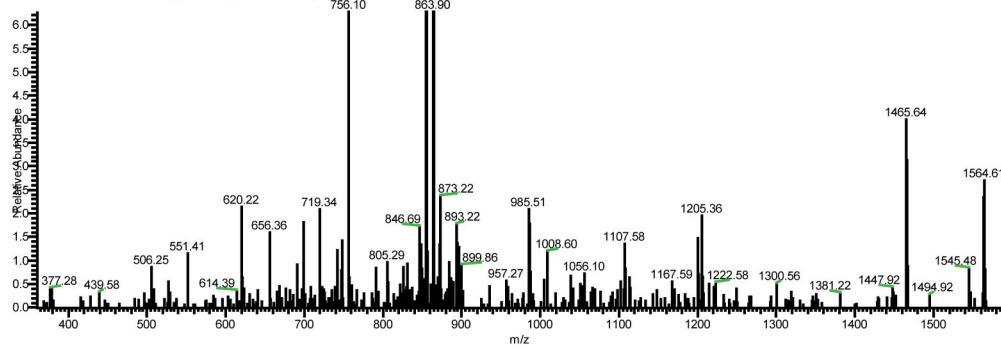
MCC knockdown does not affect γ H2AX formation following UV compared to control siRNA (Fig. S3A). MCC knockdown in HCT116 cells (Fig. S3B) or MCC over-expression in HCT15 cells (Fig. S3C) do not alter Chk1 phosphorylation following UV radiation.

Figure S1

pS E L S Q S Q H E V N E D S R

y3;y4;y5;y6;y8;y9;y10;b10;b11;b12;b13;b5*;b6*;b7*;b9*;b10*;b12*;b13*

020808_LAU_5 #1615 RT: 23.86 AV: 1 NL: 4.85E3
T: ITMS + c NSI d Full ms2 912.87@cid35.00 [240.00-1840.00]



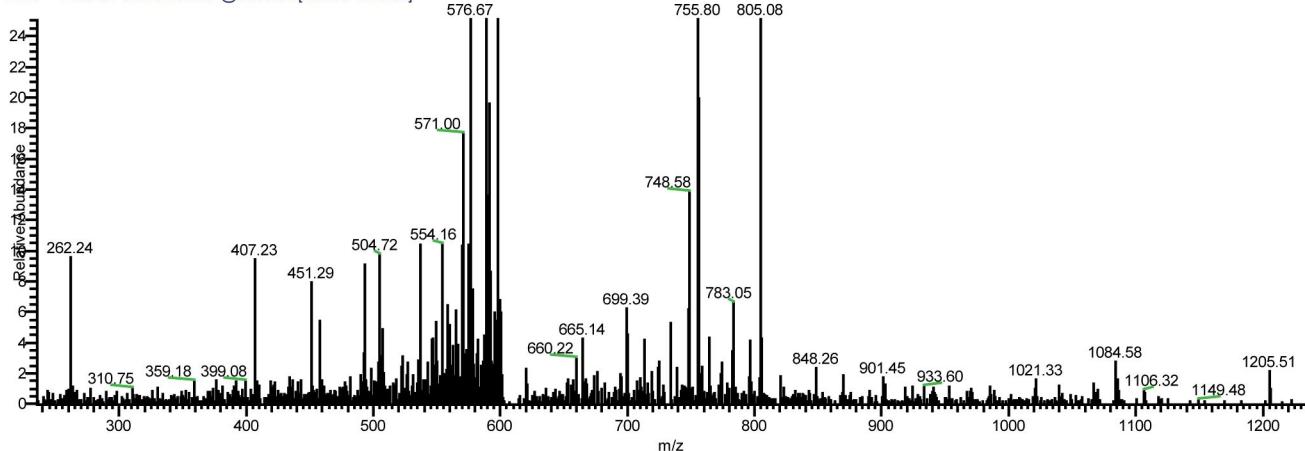
S E L p S Q S Q H E V N E D S R

[M+3H]³⁺: 608.9

y2;y3;y7;y8;y8(2+);y11(2+);y12(2+);y13(2+);b3;b9;b10

020808_LAU_4 #1826 RT: 23.95 AV: 1 NL: 3.90E3

T: ITMS + c NSI d Full ms2 608.92@cid35.00 [155.00-1840.00]



S E L S Q pS Q H E V N E D S R

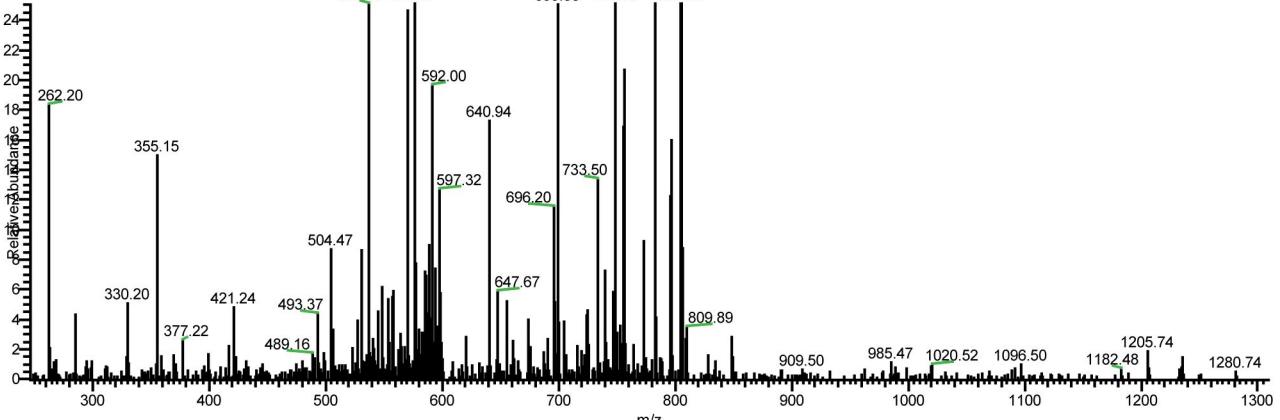
[M+3H]3+: 608.9

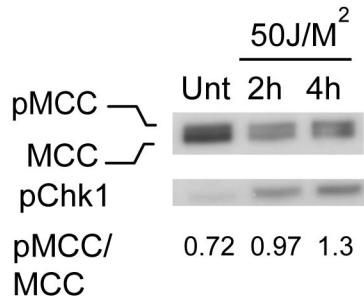
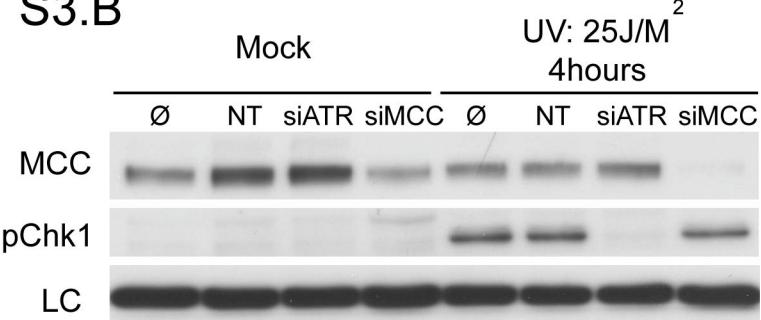
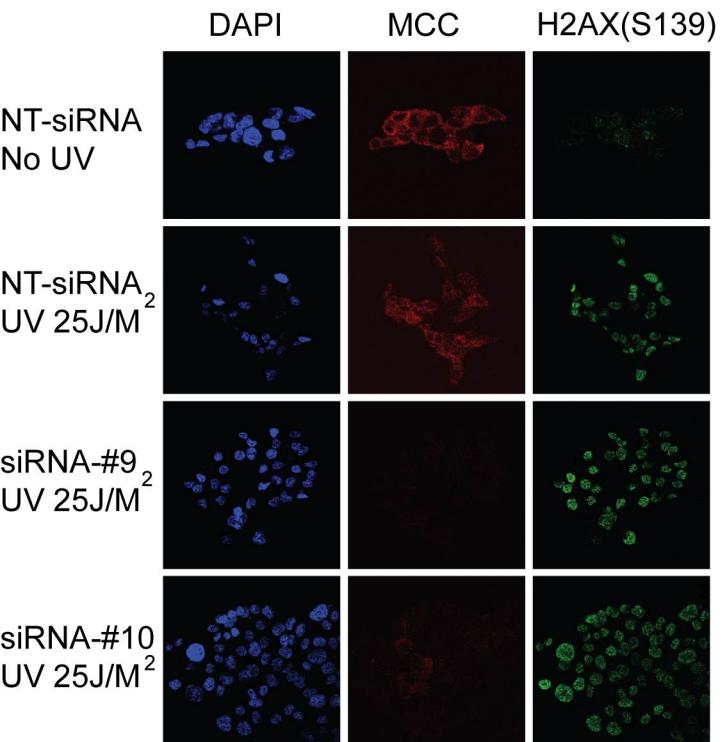
y2;y3;y7;y8;y10;y8(2+);y10(2+);y12(2+);y13(2+);b3;b4;b10

021008_Lau_oldhct116 #1326 RT: 20.94 AV: 1 NL: 4.26E3

T: ITMS + c NSI d Full ms2 608.92@cid35.00 [155.00-1840.00]

537.18 5



S2.A**S3.B****S3.A****S3.C**