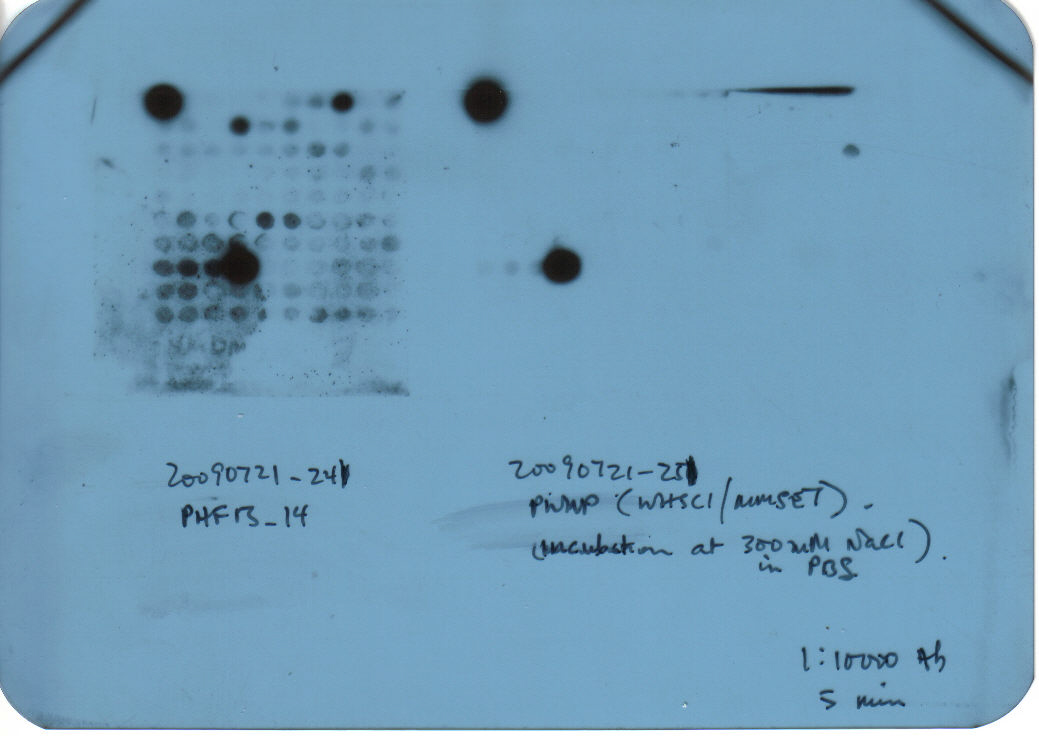
Figure S3: Source data 2 - Interaction of PHF13’s PHD domain to differentially modified histone peptides

**A**

**B**



Peptide Grid # Modification Peptide Sequence

His (12x) A1 N/A HHHHHHHHHHHH

H3 (1-13) A2 ---- ARTKQTARKSTGG

H3 (1-13) A3 R2me ARmeTKQTARKSTGG

H3 (1-13) A4 R2me2s ARme2sTKQTARKSTGG

H3 (1-13) A5 R2me2a ARme2aTKQTARKSTGG

H3 (1-13) A6 K4me1 ARTKme1QTARKSTGG

H3 (1-13) A7 K4me2 ARTKme2QTARKSTGG

H3 (1-13) A8 K4me3 ARTKme3QTARKSTGG

H3 (1-13) A9 K9me1 ARTKQTARKme1STGG

H3 (1-13) A10 K9me2 ARTKQTARKme2STGG

H3 (1-13) B1 K9me3 ARTKQTARKme3STGG

H3 (1-13) B2 K9Ac ARTKQTARKAcSTGG

H3 (1-13) B3 S10ph ARTKQTARKSpTGG

H3 (1-13) B4 R2me/K4me3 ARmeTKme3QTARKSTGG

H3 (1-13) B5 R2me2/K4me3 ARmeTKme3QTARKSTGG

H3 (1-13) B6 R2me2a/K4me3 ARme2aTKme3QTARKSTGG

H3 (5-20) B7 ---- QTARKSTGGKAPRKQL

H3 (5-20) B8 S10p/K14Ac QTARKSpTGGKAcAPRKQL

H3 (5-20) B9 K14Ac QTARKSTGGKAcAPRKQL

H3 (5-20) B10 R17me1 QTARKSTGGKAPRme1KQL