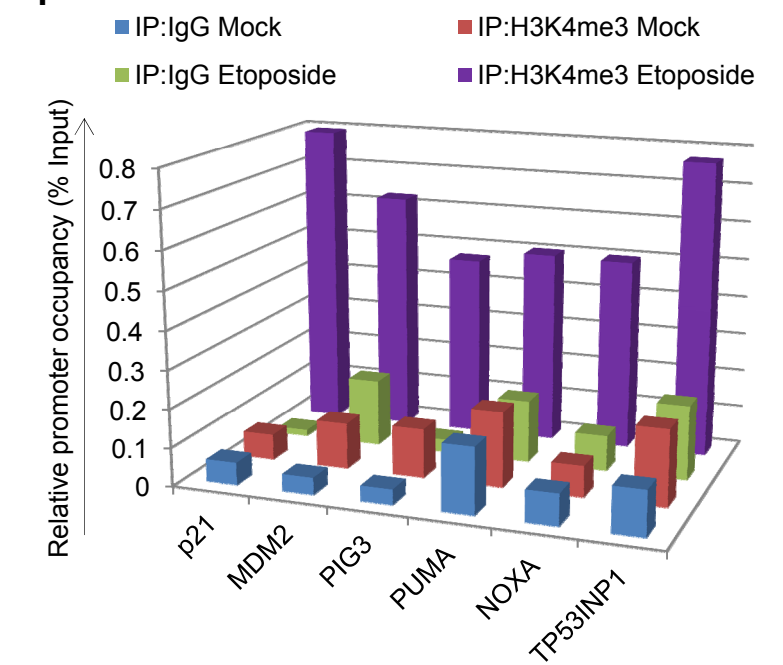
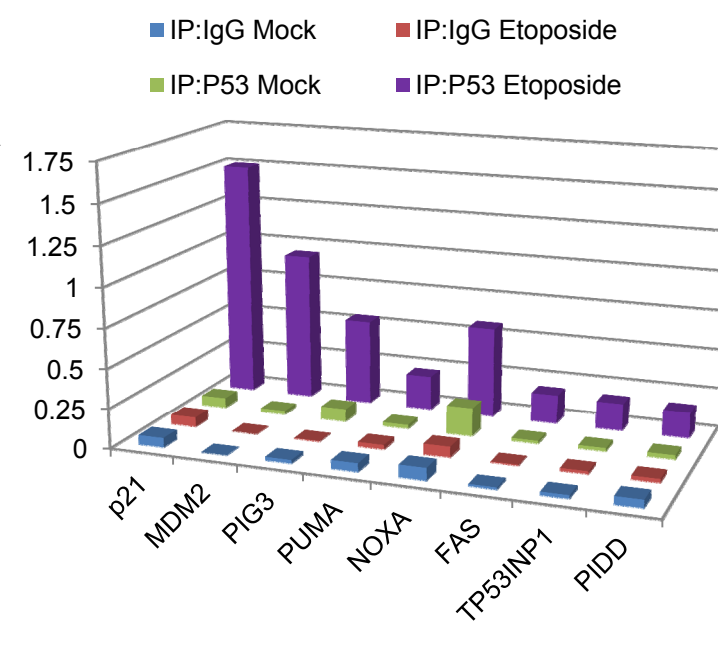
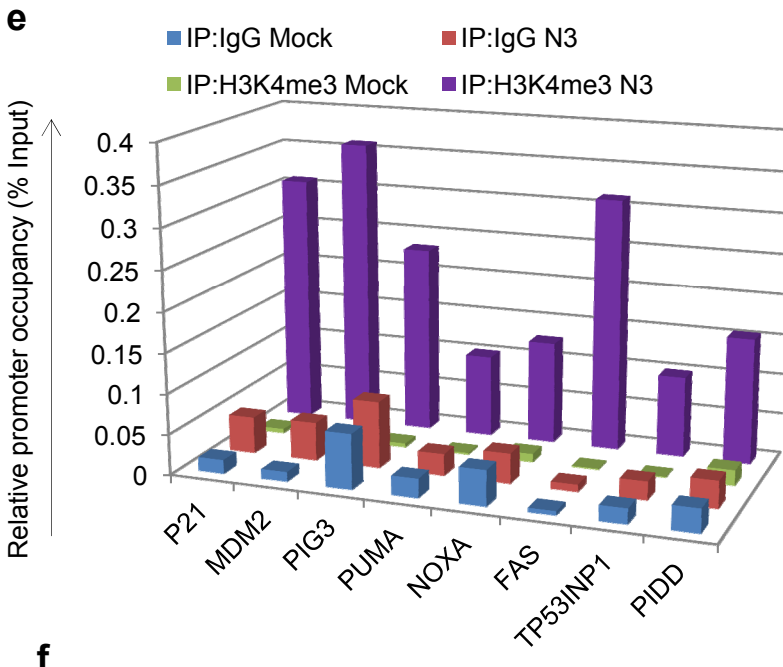
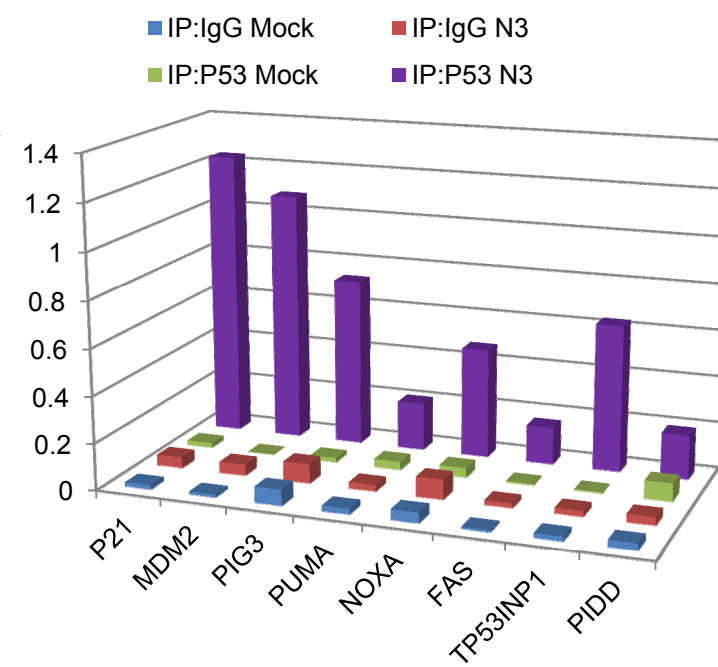
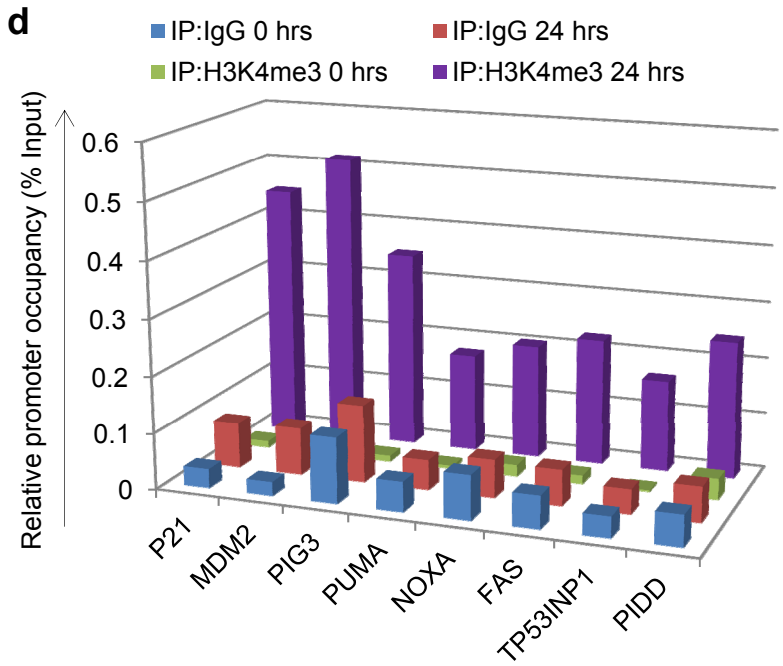
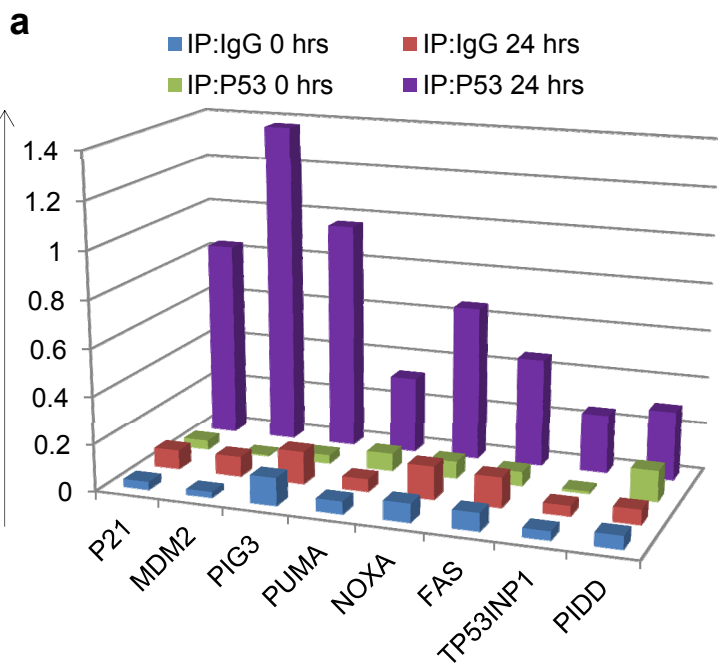
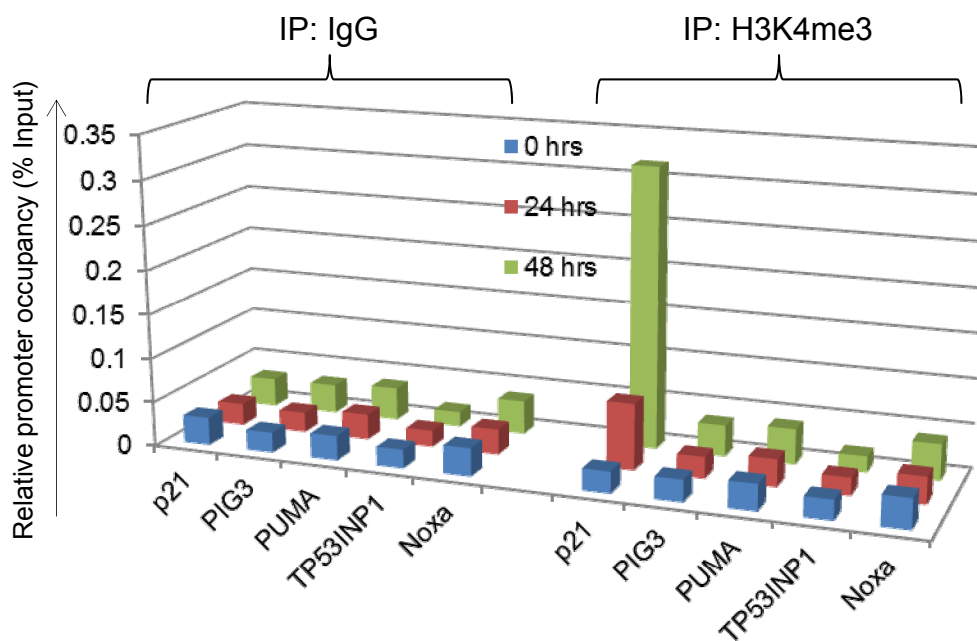


# Supplementary Figure 1; Mungamuri et al., 2014

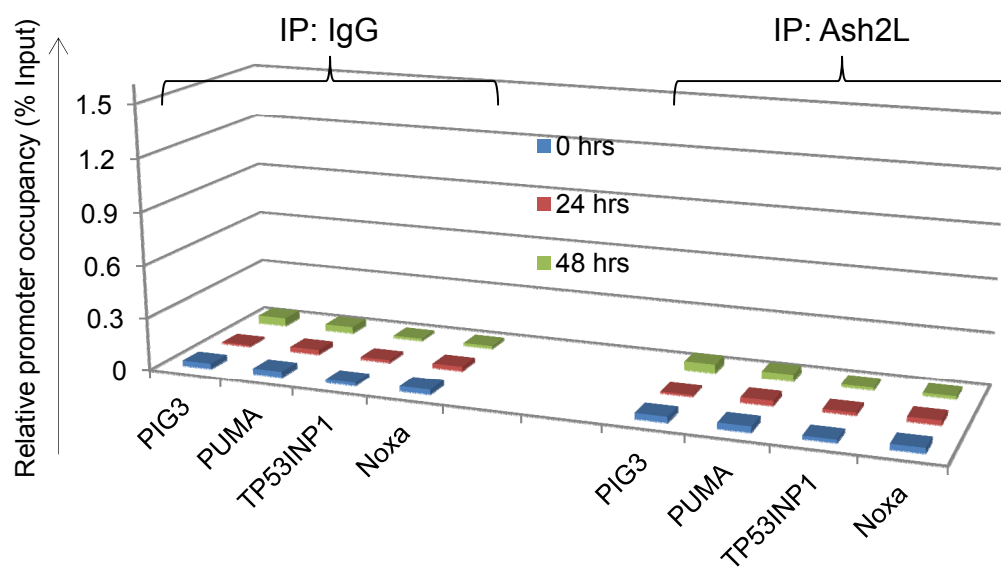


# Supplementary Figure 2; Mungamuri et al., 2014

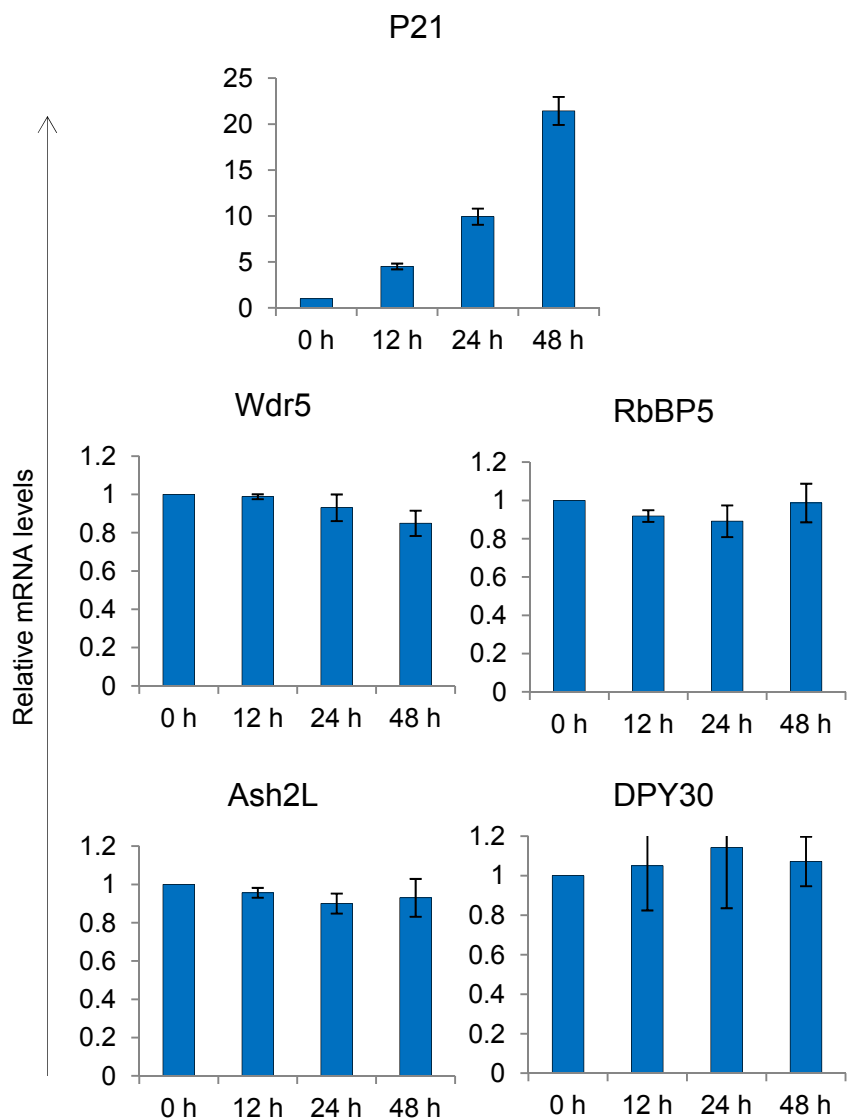
**a**



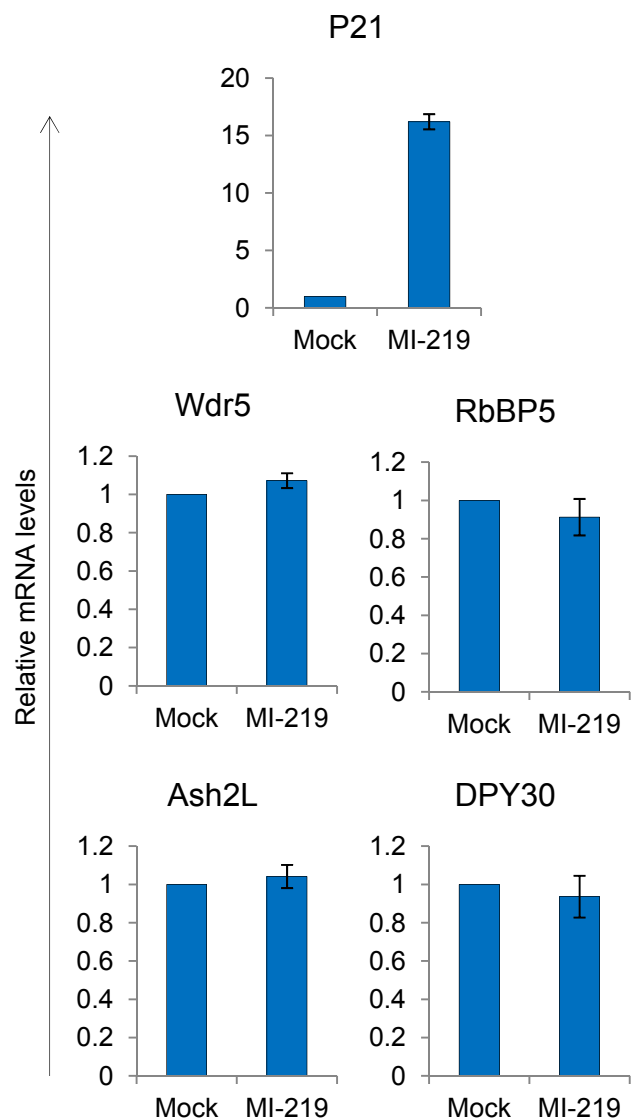
**b**



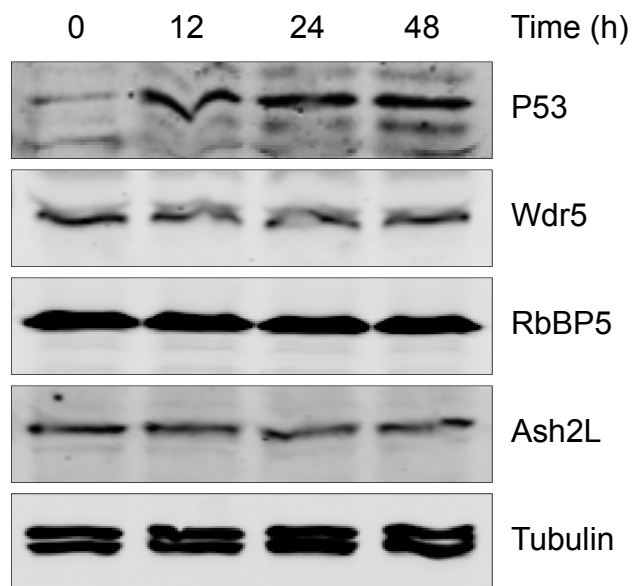
**a**



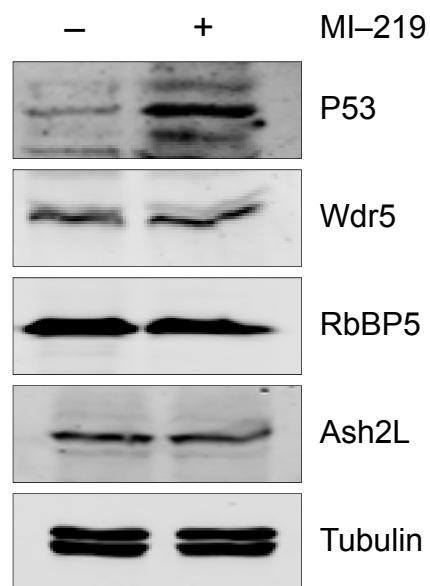
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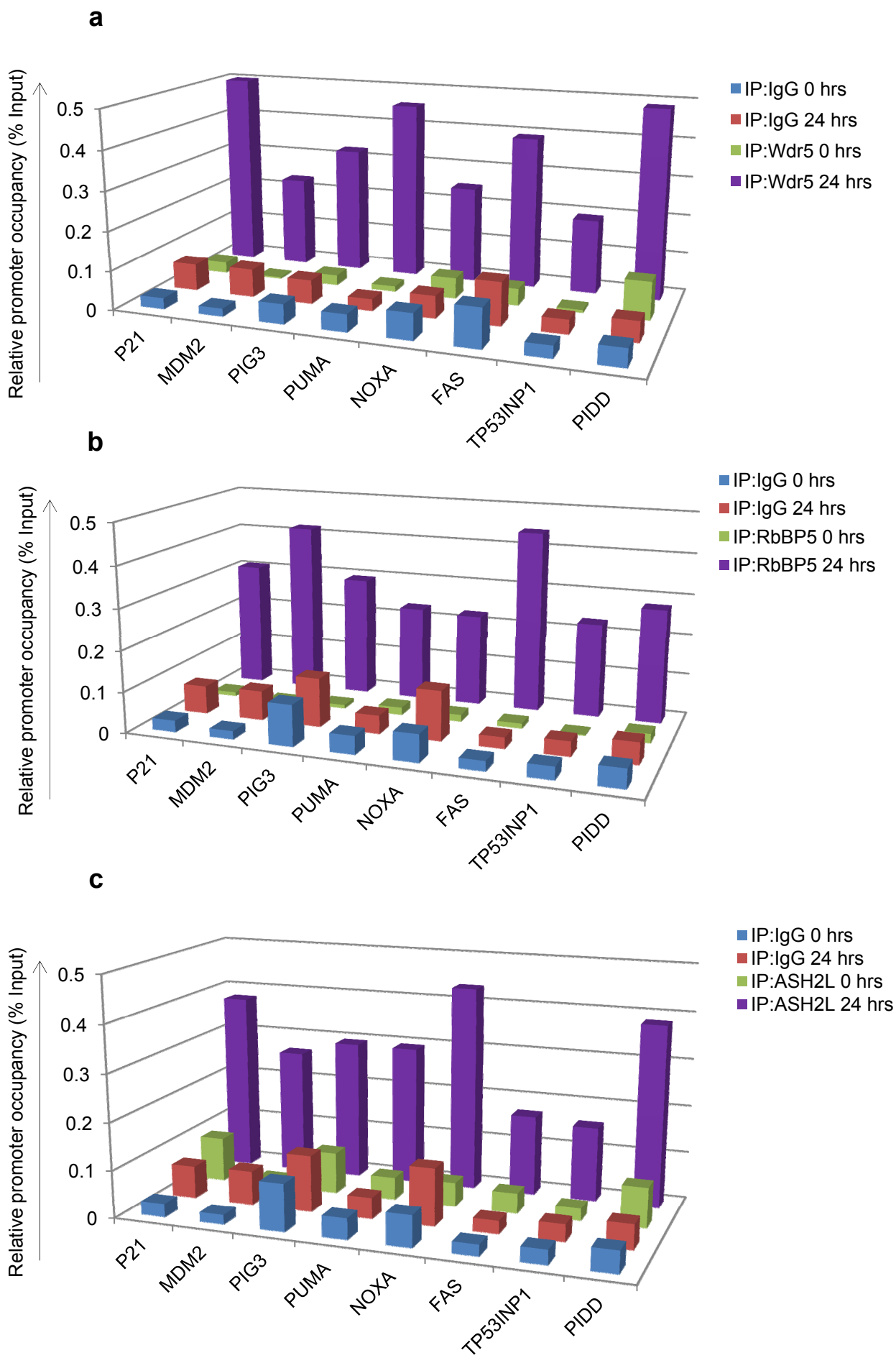
**c**



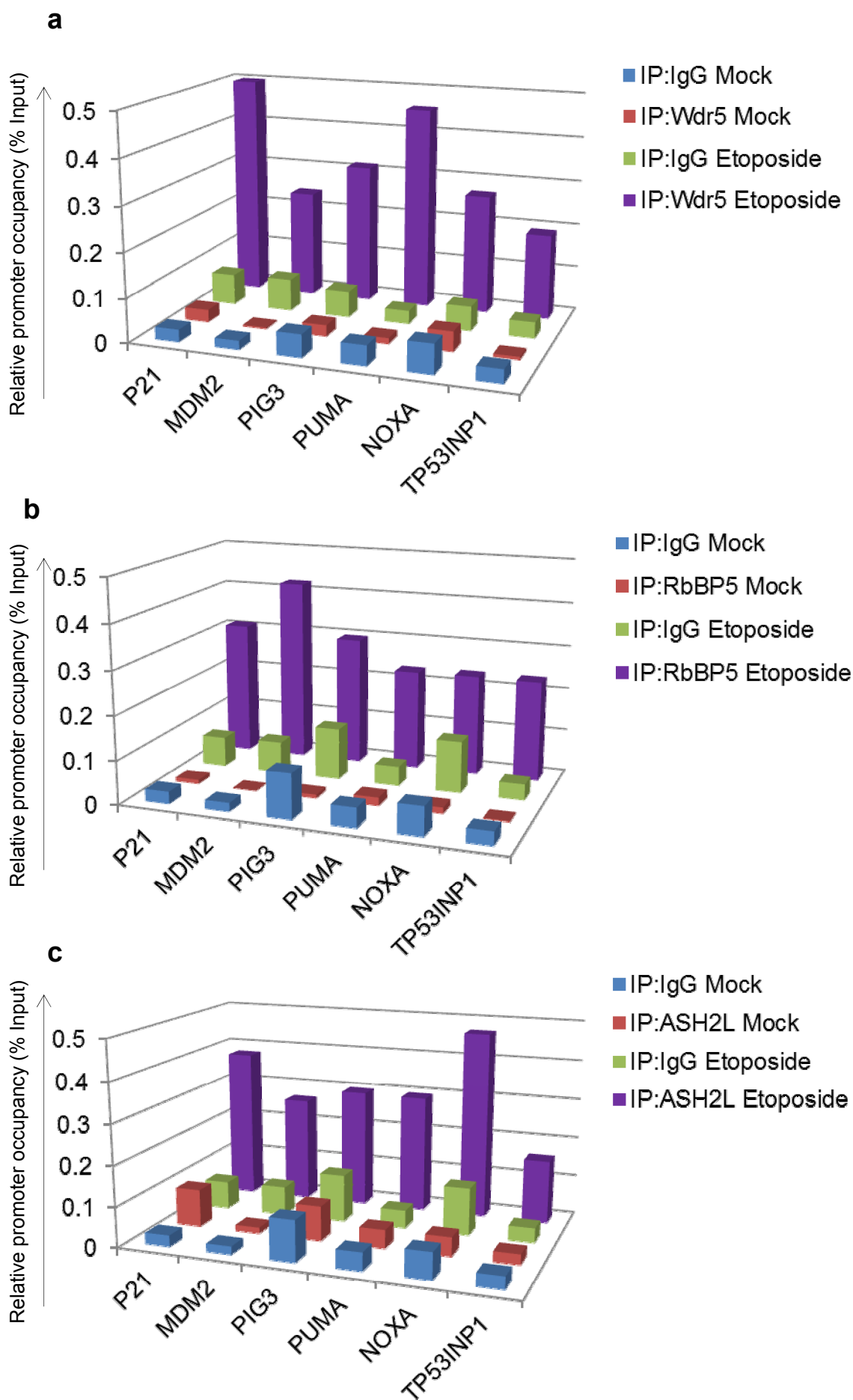
**d**

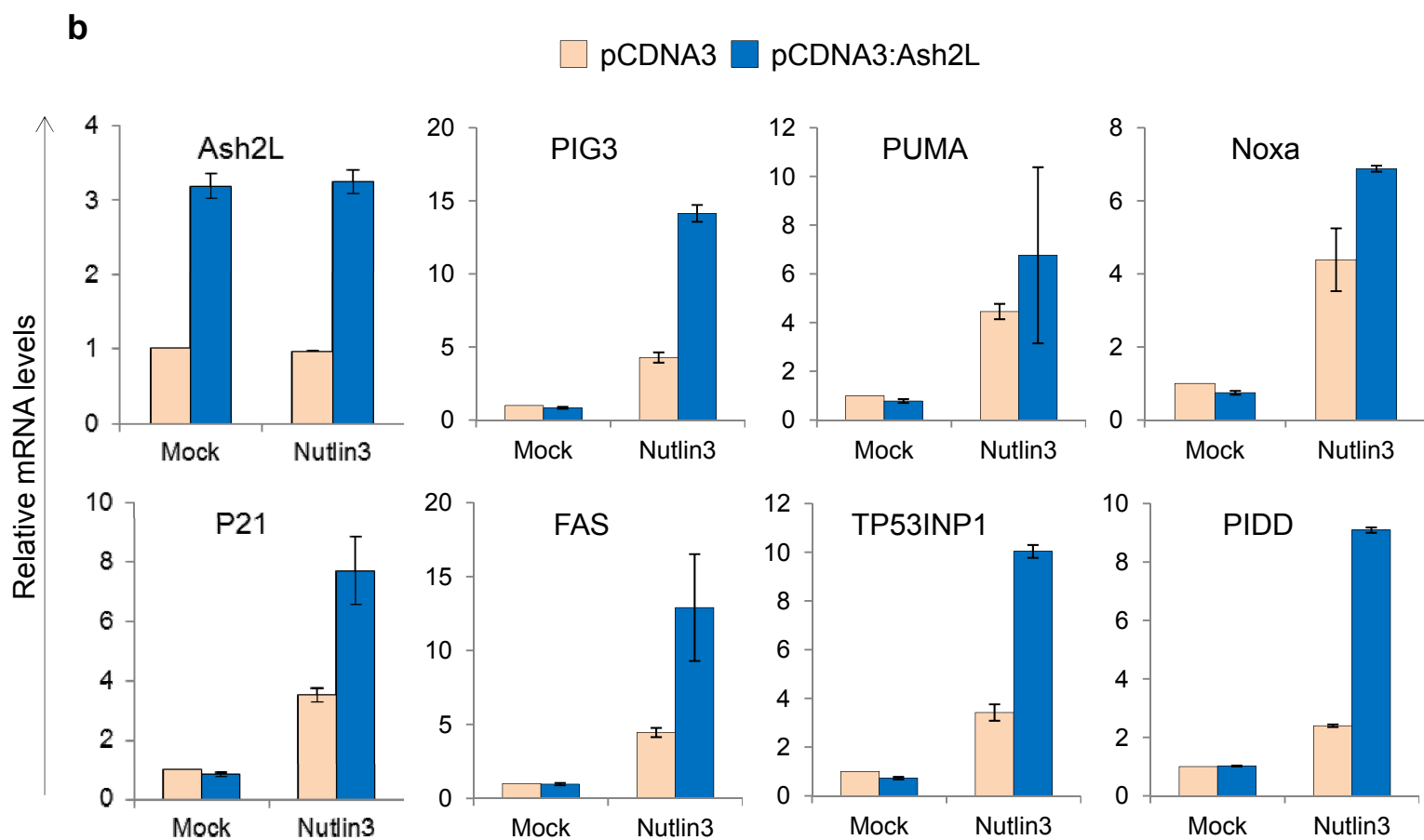
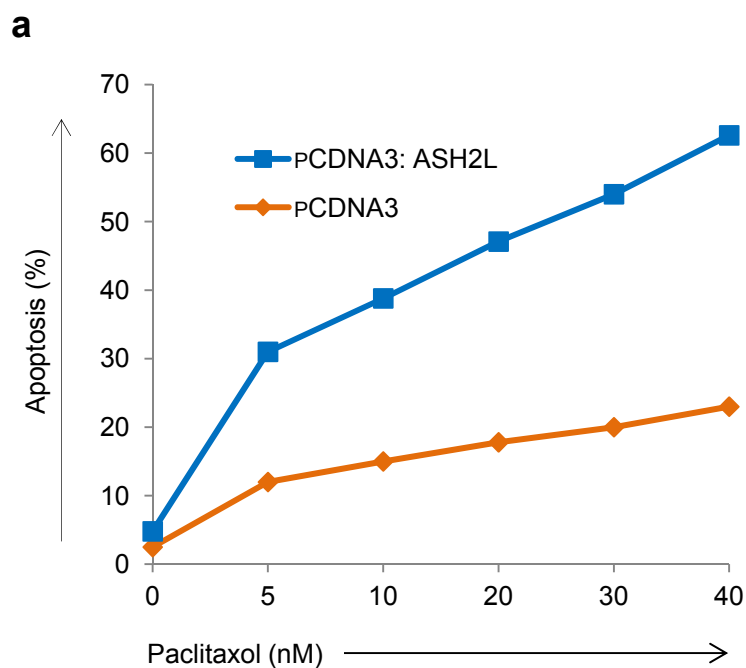


# Supplementary Figure 4; Mungamuri et al., 2014



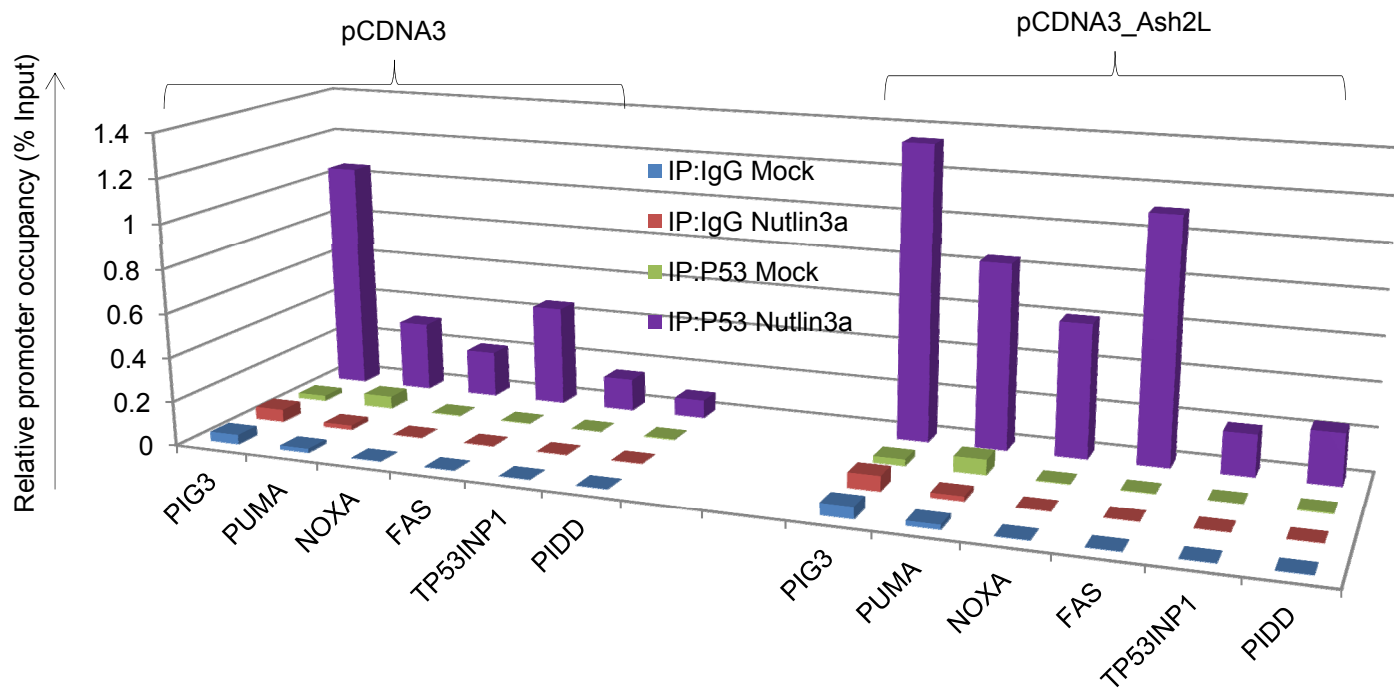
Supplementary Figure 5; Mungamuri et al., 2014



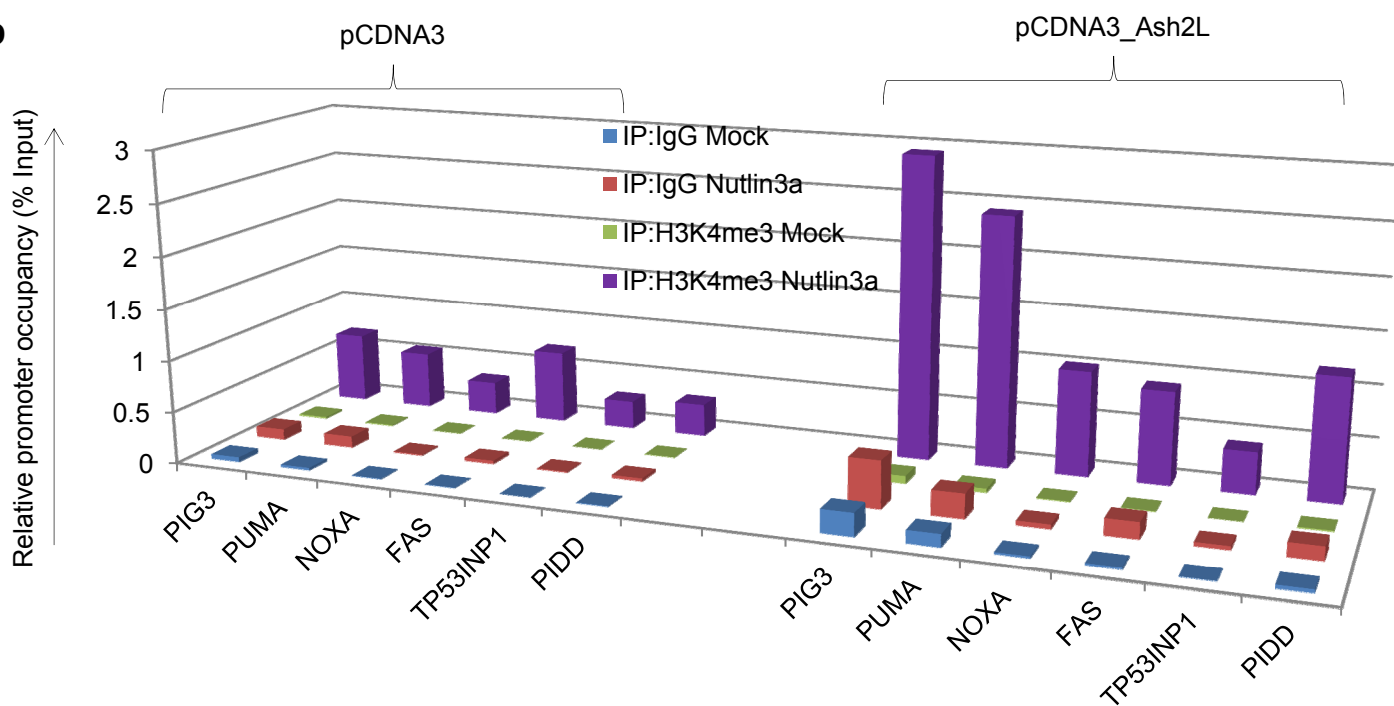


# Supplementary Figure 7; Mungamuri et al., 2014

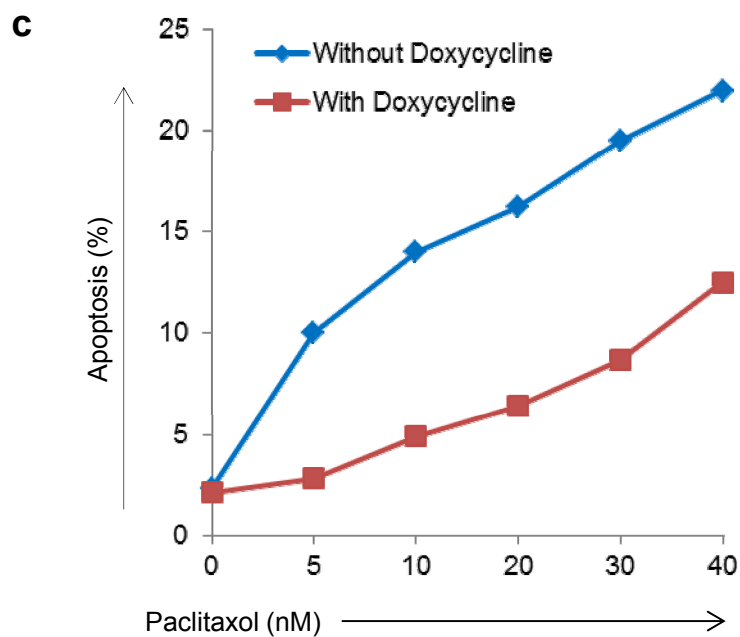
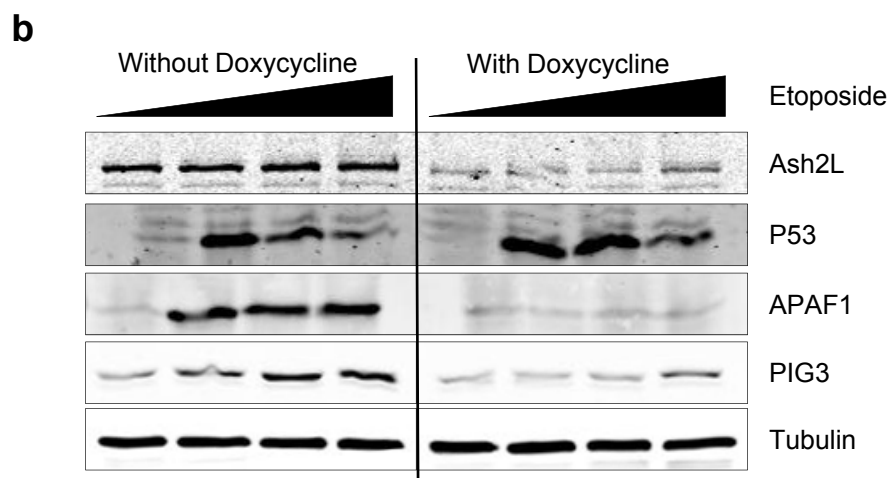
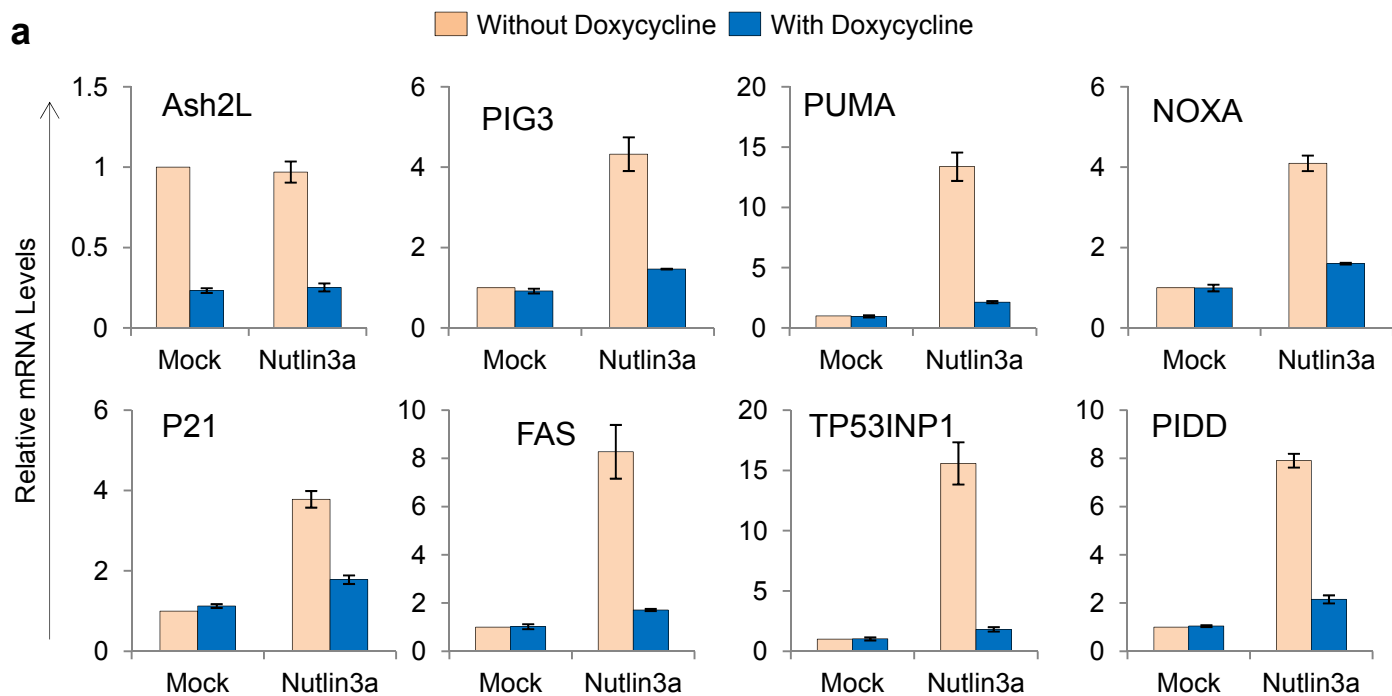
**a**



**b**

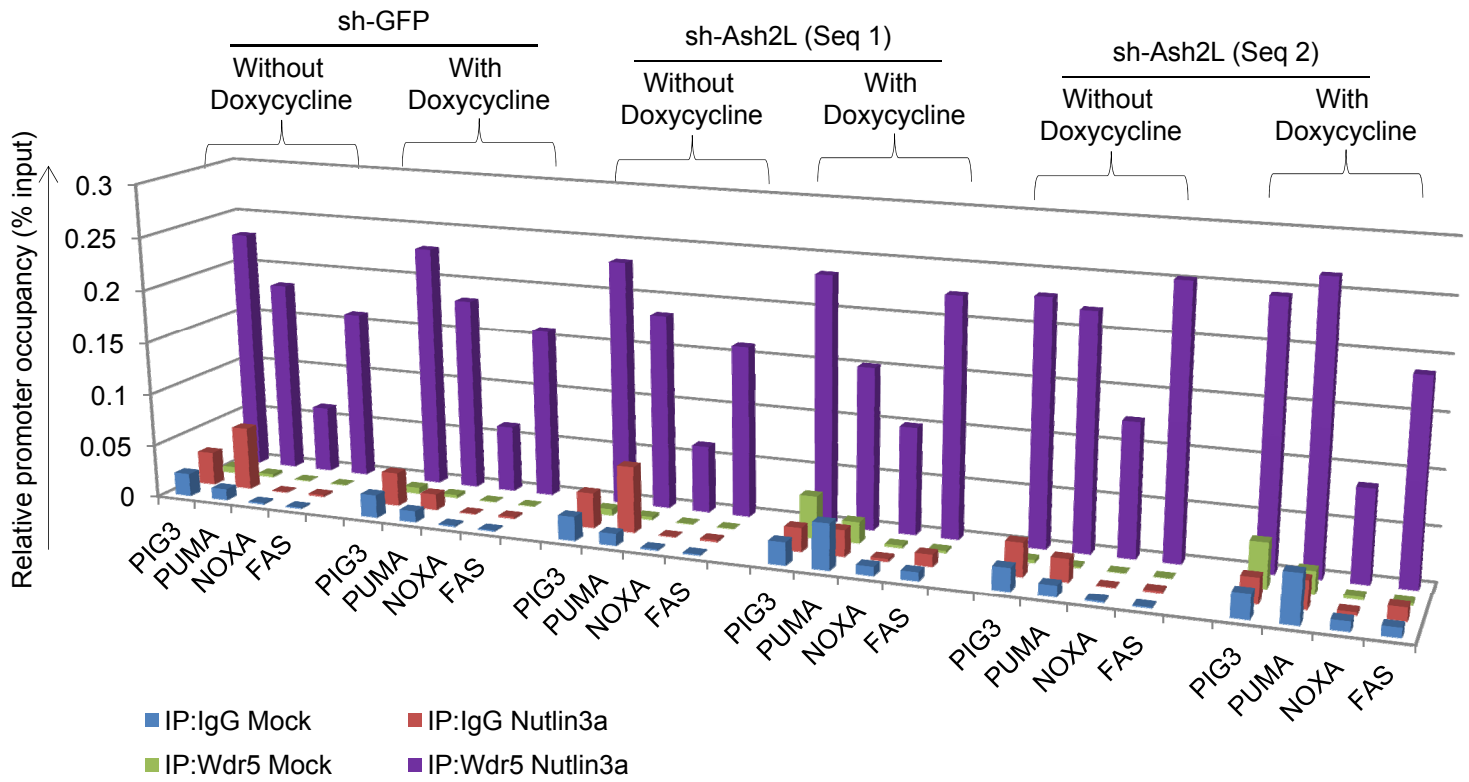


# Supplementary Figure 8; Mungamuri et al., 2014

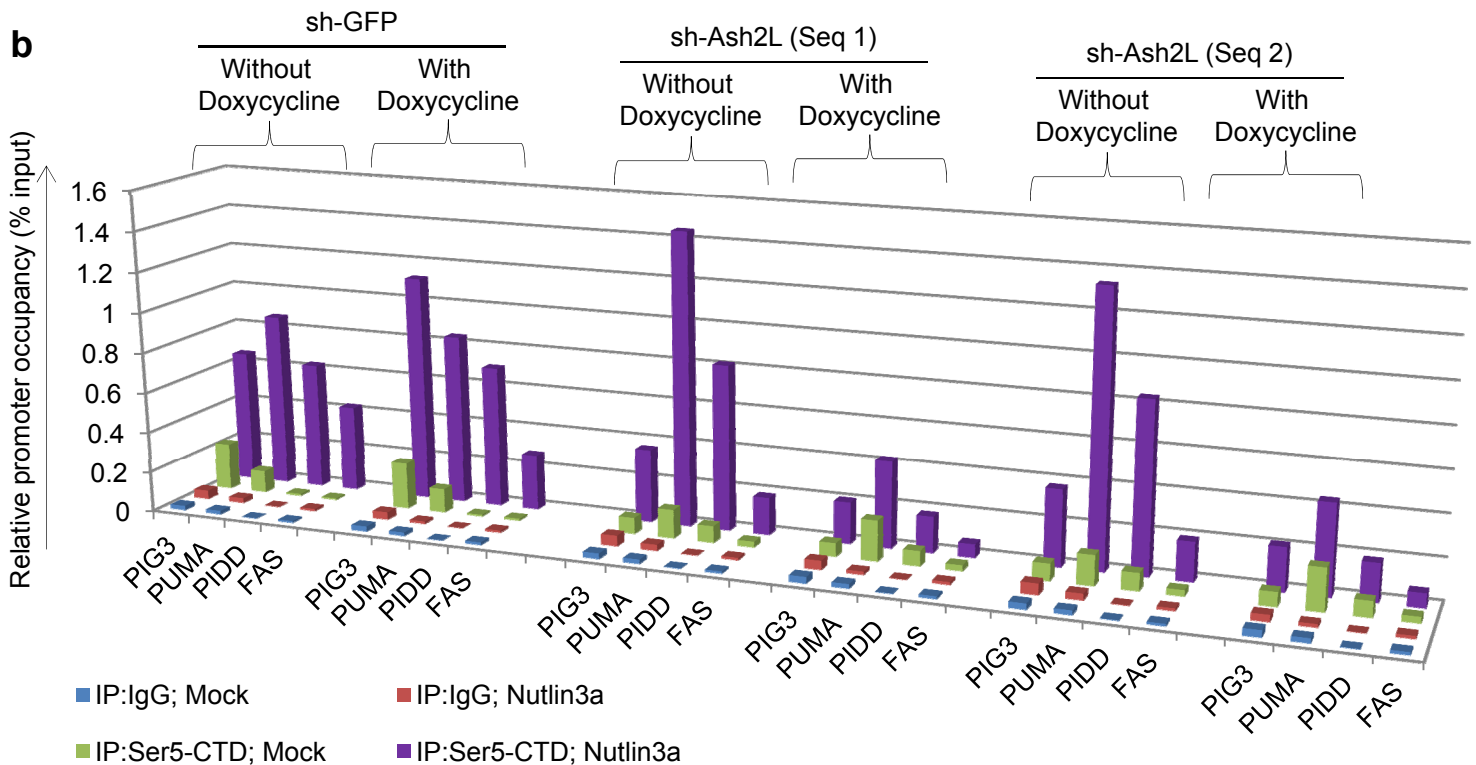
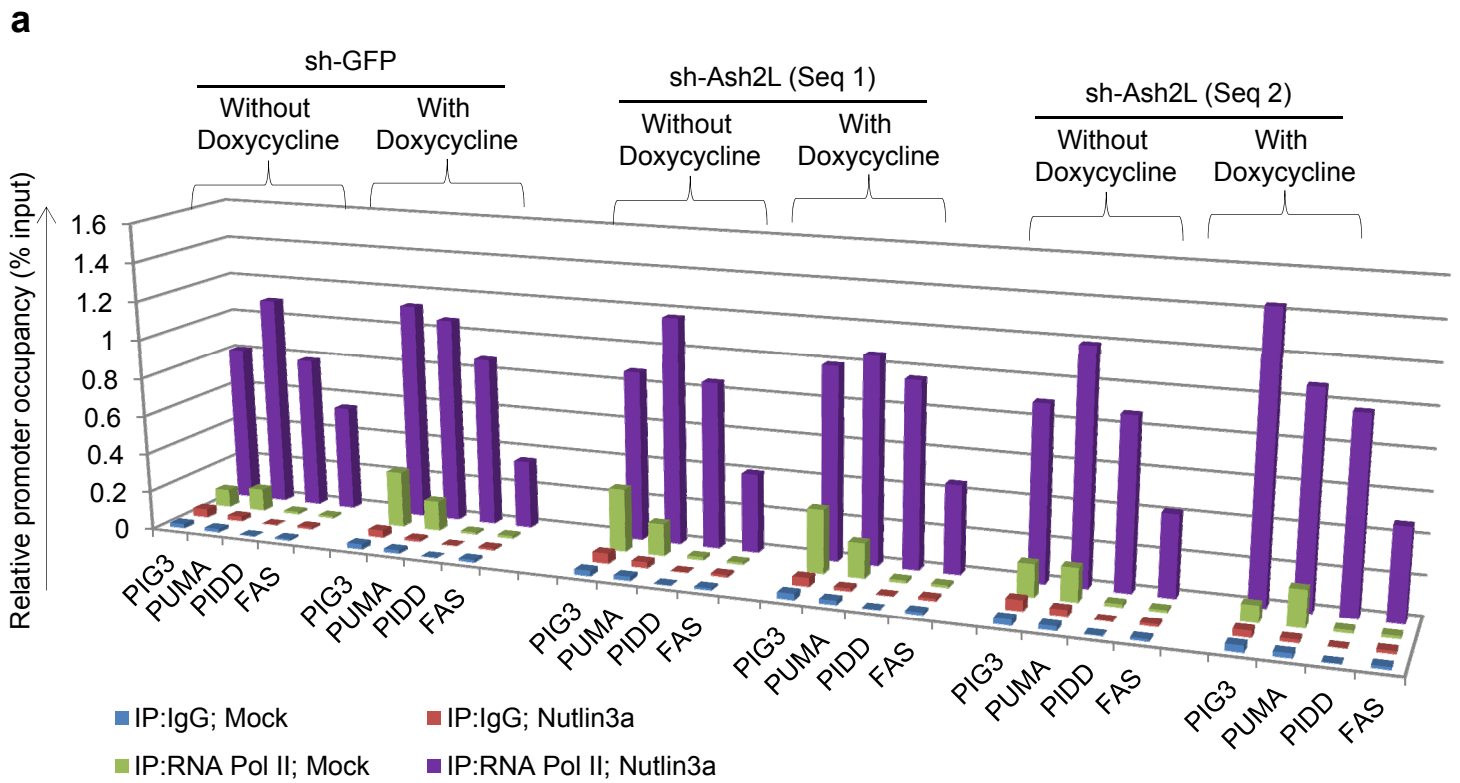




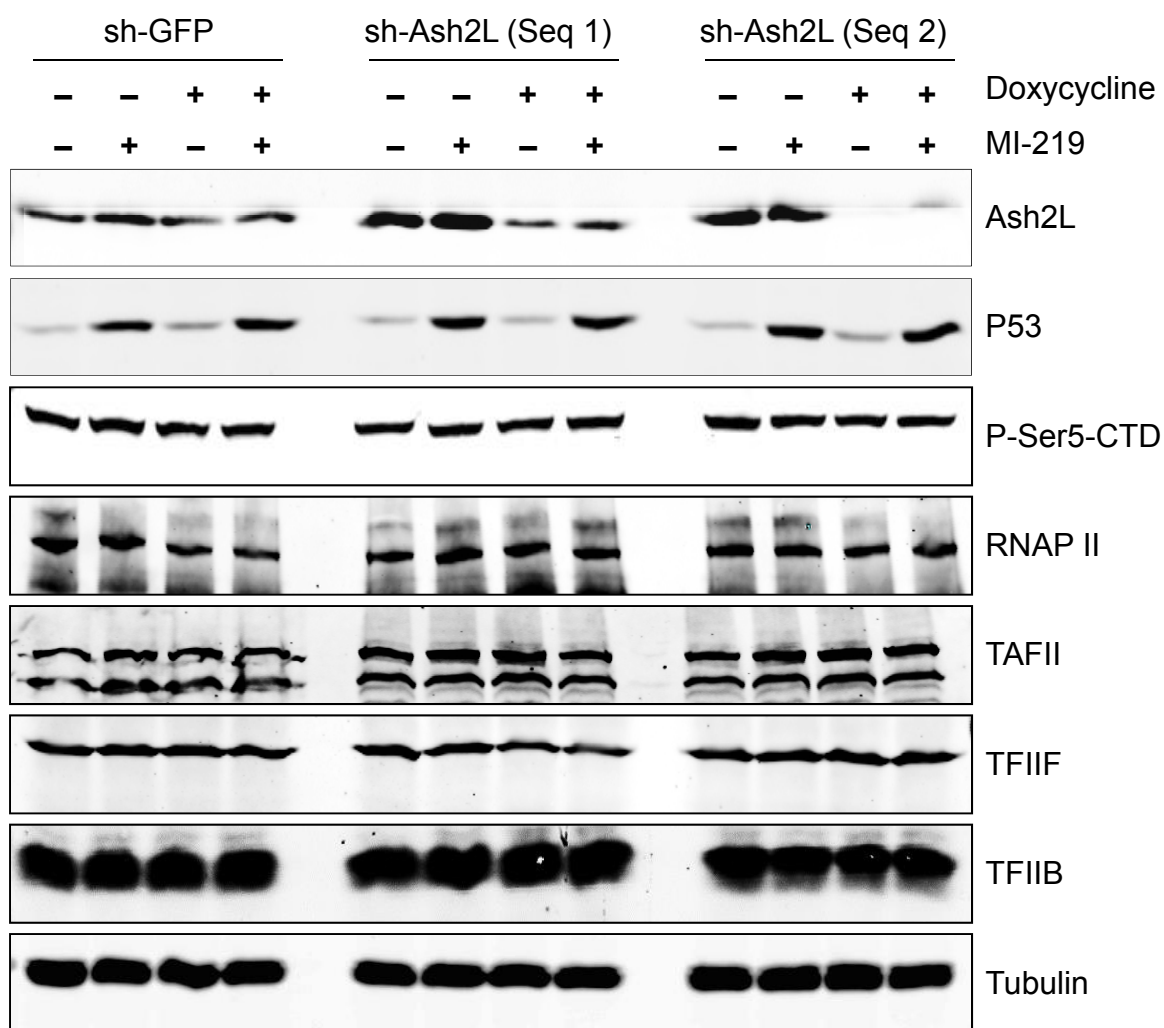
# Supplementary Figure 9; Mungamuri et al., 2014



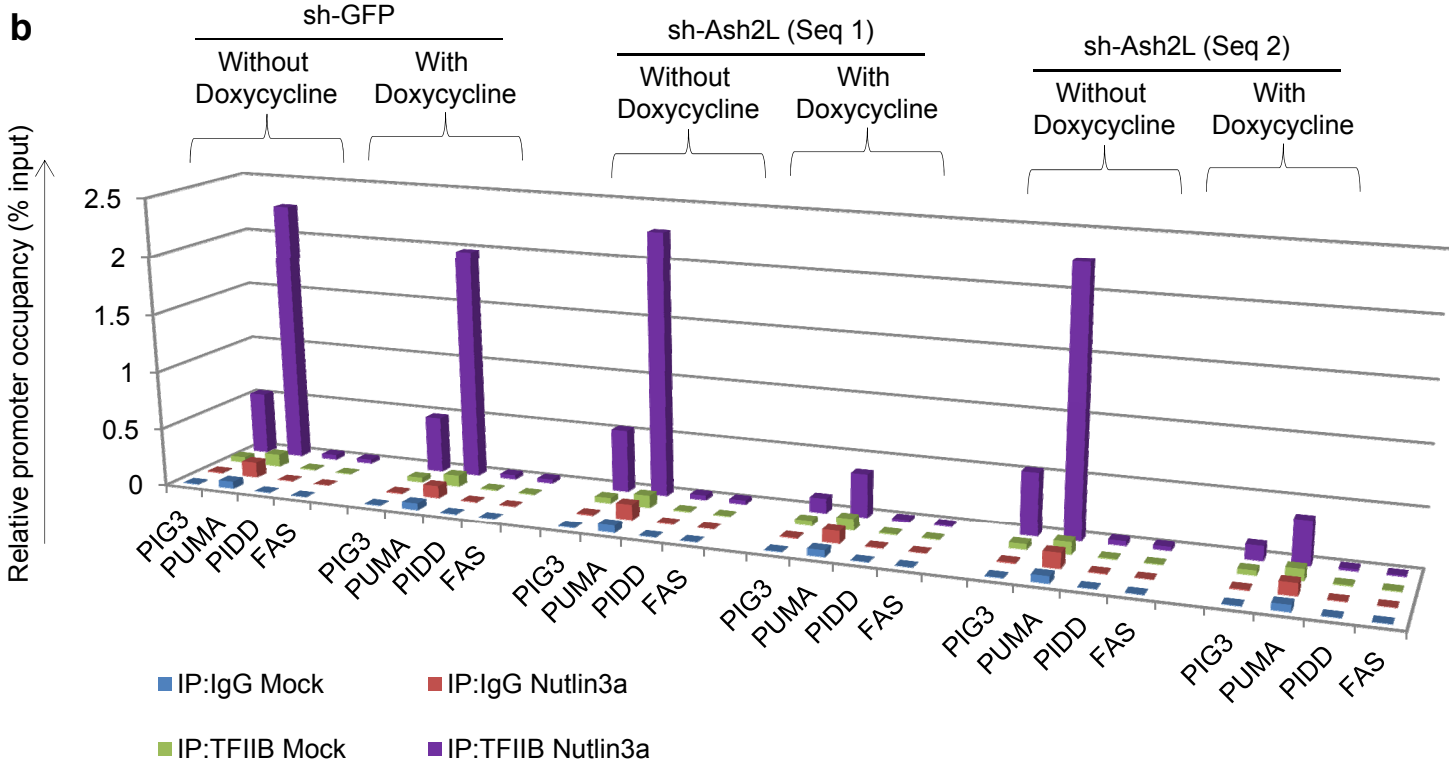
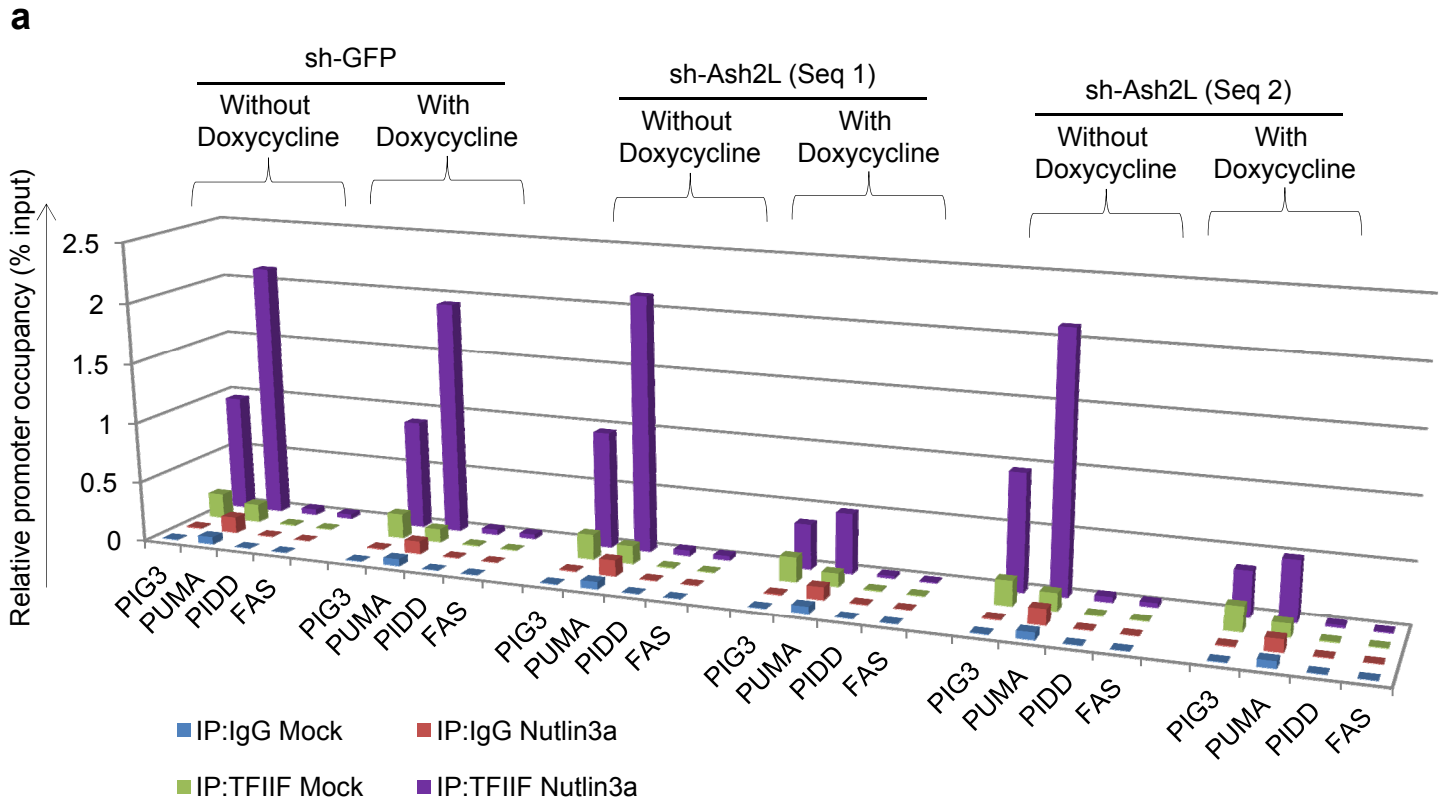
# Supplementary Figure 10; Mungamuri et al., 2014



Supplementary Figure 11; Mungamuri et al., 2014



# Supplementary Figure 12; Mungamuri et al., 2014



## List of Primers Used in this Study

## For Gene expression (Real time PCR)

Gene Name	Forward Primer	Reverse Primer
p21	TGCCGAAGTCAGTTCCTTGT	CATGGGTTCTGACGGACATC
PUMA	GACCTCAACGCACAGTACGA	CACCTAATTGGGCTCCATCT
PIDD	GCTCTTGCTGTCTCACAACG	AATCTCAGGAGGTAGCGTGTG
FAS	TCAGTACGGAGTTGGGGAAG	TCCTCAATTCCAATCCCTTG
TP53INP1	TCTCATTGAACATCCCAGCA	TATGCTGCCCCATTTTCATT
PIG3	CTCAGTACGTCACGTGCCCC	GATTAGCACATAGTCTCCAGCC
NOXA	CCGTGTGTAGTTGGCATCTC	GCACACTCGACTTCCAGCTC
Ash2L	ATGGCAGTCCCGAACACAG	GGTTGTCATGCACTCCCAGTAT
Wdr5	CACAAGCTGGGAATATCCGATG	GGGGATTGAAGTTGCAGCAAAA
RbBP5	TCTGCTCCTGTGTCATGTTGACC	CTCGCCTATCAAAAGATGCCA
DPY30	GGAGGGACAAACGCAGGTT	GGTAGGCACGAGTTGGCAA
18S	GTAACCCGTTGAACCCCAT	CCATCCAATCGGTAGTAGCG

## For P53 ChIP

Gene Name	Forward Primer	Reverse Primer
p21	CTGGACTGGGCACTCTTGTC	CCCTTCCTCACCTGAAAACA
MDM2	TCGGGTCAGTGTGAACG	CACTGAACACAGCTGGGAAA
PUMA	GCGAGACTGTGGCCTTGTGT	CGTTCAGGGTCCACAAAGT
NOXA	CTCCTCTGCGGTGATTAAGG	GGGAAGGGTTTAACCAGGAG
PIG3	TGCTCCGCGAGGATACAG	CCACCTTCAGGAGGACTTCA
TP53INP1	AAACCCTCGACCCTTCACTC	CGAGAGGTTGTCACCAACG
FAS	GAATTGAAGCGGAAGTCTGG	TTAACCCTGCTTCGGTGTCT
PIDD	CATCCAGAGTCCCTGTTTCC	CCGAATCCTCTGAAGCATCT

## For H3K4me3, Wdr5, RbBP5, Ash2L, RNAP II, Serine5-CTD, TFIIB and TFIIF ChIP

Gene Name	Forward Primer	Reverse Primer
P21	CCGAAGTCAGTTCCTTGTGG	GTGTCTCGGTGACAAAGTCG
PIG3	GCCCTGTGTCCTCAGACAAT	ATTAAGTCCGCCCGTTTC
PUMA	AGCCGCCACTGCAGTTAGA	AGAGGCCGAGGACACTG
NOXA	CTCCATAACGCCGTCTG	CGGAGATGCCAACTACACAC
FAS	TCAGTACGGAGTTGGGGAAG	TCCTCAATTCCAATCCCTTG
TP53INP1	GTGCGTTGGTGACAACCTC	GCCAGTCCAAGTCTTTTGT
PIDD	GACACACTGGGTGCCTGTC	GGCAGTTGTGAGACAGCAAG