

Unedited blot for S1A - FBXO11

Cyto Nuc Sol Nuc Insol Flow Thru (IP)

FBXO11

hnRNPM

Tubulin

H2A

These samples are in duplicates:

First dup went to IgG IP

Second dup went to hnRNPM IP

Input samples from fractionation

1st elute, glycine

2nd elute, boil

1st elute, glycine
2 3

2nd elute, boil
4 5

IB: FBXO11
2nd rabbit

IP: hnRNPM
2nd protein A HRP

IB: Ub

Whole cell input and IP

1. Whole cell input (~2%)
2. IP: rabbit IgG
3. IP: hnRNPM
4. IP: rabbit IgG
5. IP: hnRNPM

Whole cell input and IP

1. Whole cell input (~2%)
2. IP: rabbit IgG
3. IP: hnRNPM
4. IP: rabbit IgG
5. IP: hnRNPM

Unedited blot for S1A - Tubulin, H2A

Cyto Nuc Sol Nuc Insol Flow Thru (IP)

FBXO11

hnRNPM

Tubulin

H2A

These samples are in duplicates:

First dup went to IgG IP

Second dup went to hnRNPM IP

Input samples from fractionation

1st elute, glycine

2nd elute, boil

1st elute, glycine

2nd elute, boil

1

2

3

4

5

1

2

3

4

5

IB: FBXO11
2nd rabbit

IP: hnRNPM
2nd protein A HRP

IB: Ub

Whole cell input and IP

1. Whole cell input (~2%)

2. IP: rabbit IgG

3. IP: hnRNPM

4. IP: rabbit IgG

5. IP: hnRNPM

Whole cell input and IP

1. Whole cell input (~2%)

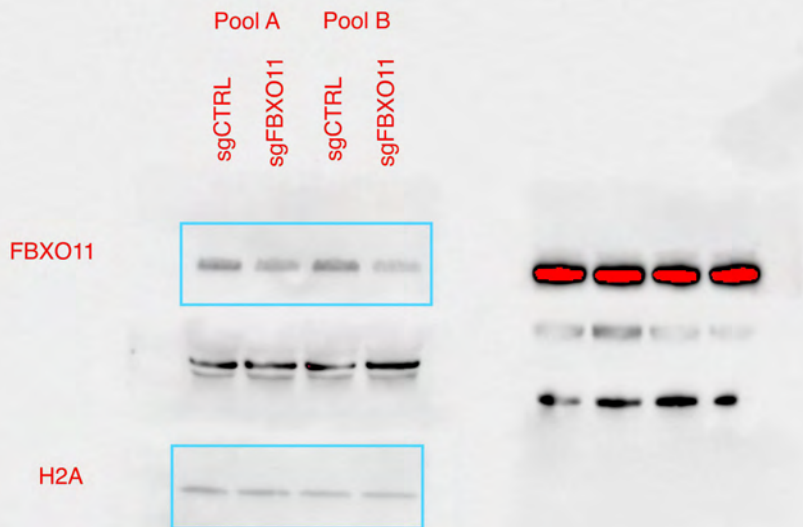
2. IP: rabbit IgG

3. IP: hnRNPM

4. IP: rabbit IgG

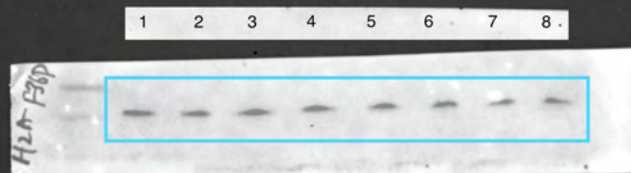
5. IP: hnRNPM

Unedited blot for Supp Figure 1C



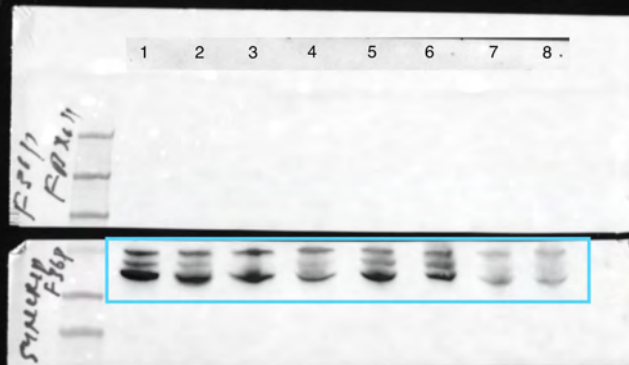
Unedited blot for Supp Figure 1F - H2A

1. sgNT
2. sgSYNCRIP-18
3. sgSYNCRIP-19
4. sgSYNCRIP-26
5. sgFBXO11
6. sgFBXO11+sgSYNCRIP-18
7. sgFBXO11+sgSYNCRIP-19
8. sgFBXO11+sgSYNCRIP-26

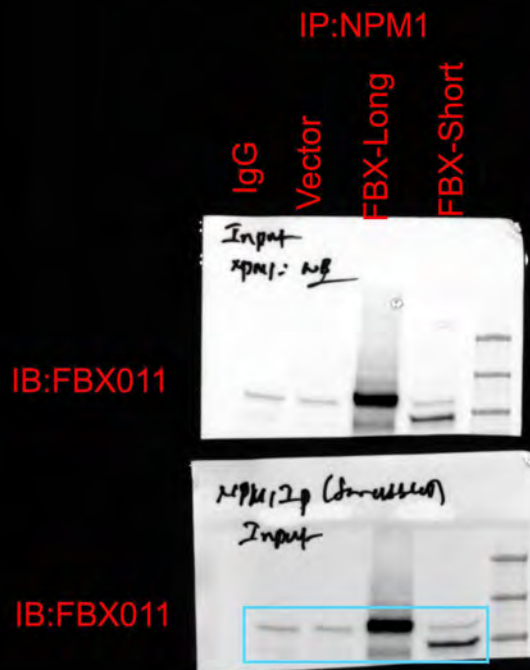


Unedited blot for Supp Figure 1F - SYNCRIP

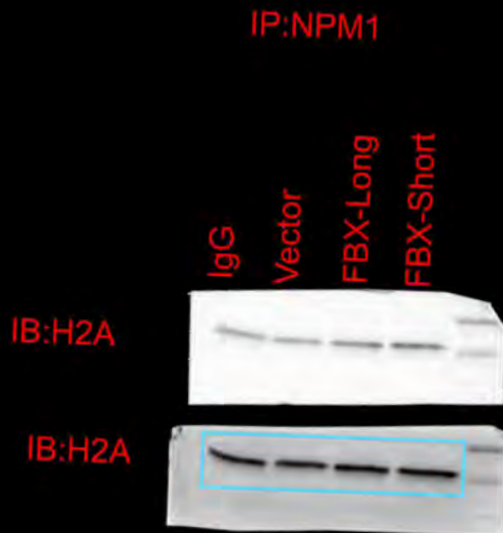
1. sgNT
2. sgSYNCRIP-18
3. sgSYNCRIP-19
4. sgSYNCRIP-26
5. sgFBXO11
6. sgFBXO11+sgSYNCRIP-18
7. sgFBXO11+sgSYNCRIP-19
8. sgFBXO11+sgSYNCRIP-26



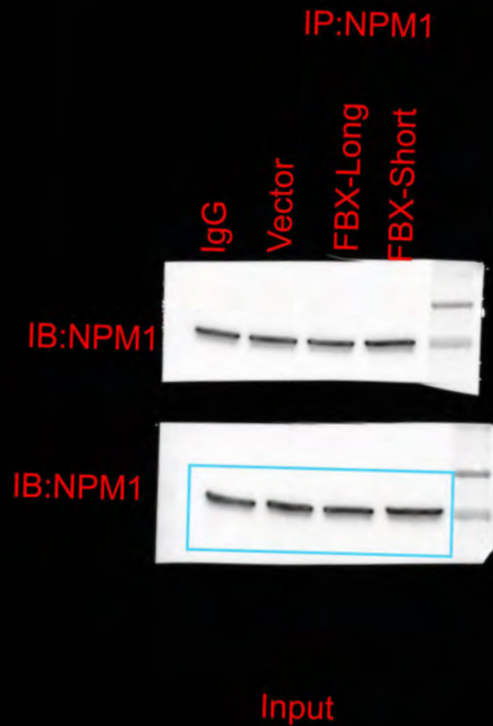
Unedited blot for Figure 2A- FBXO11 input



Unedited blot for Figure 2A - H2A input



Unedited blot for Figure 2A - NPM1 input



Unedited blot for Figure 2A - FBX011, IP

IP:NPM1

IgG
Vector
FBX-Long
FBX-Short

NPM1 IP
+ NPM1 (Co-IP)

IB:FBX011

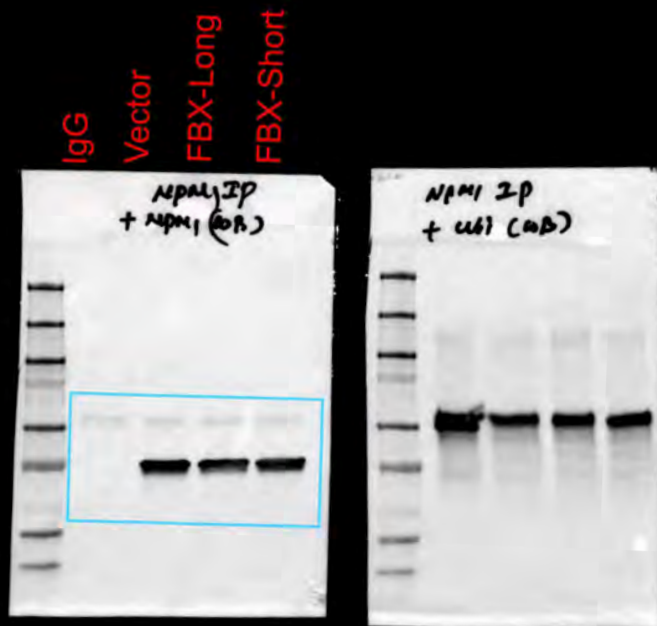


Co-IP

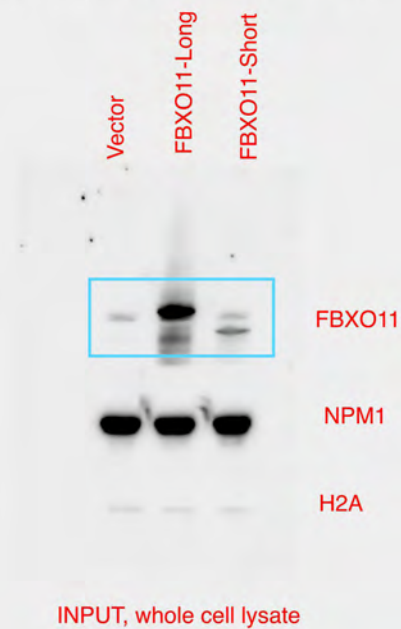
Unedited blot for Figure 2A - NPM1, IP

IP:NPM1

IB:NPM1



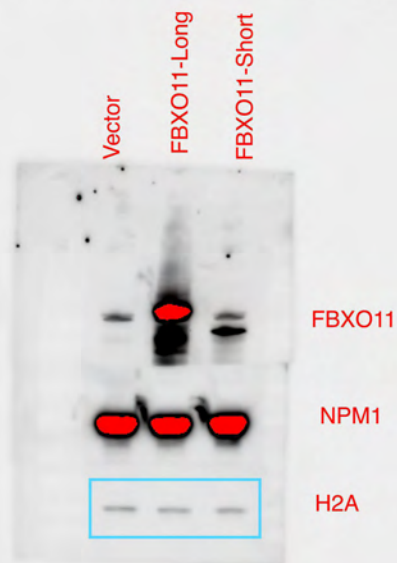
Unedited blot for Figure 2B - FBXO11



Unedited blot for **Figure 2B** - NPM1

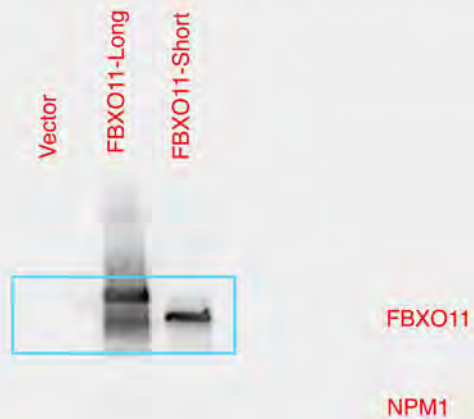


Unedited blot for Figure 2B - H2A



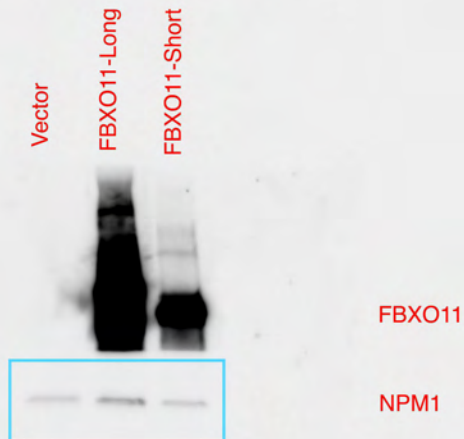
INPUT, whole cell lysate

Unedited blot for **Figure 2B** - FBXO11, IP



IP: FLAG-FBXO11, blot NPM1

Unedited blot for Figure 2B - NPM1, IP



IP: FLAG-FBXO11, blot NPM1

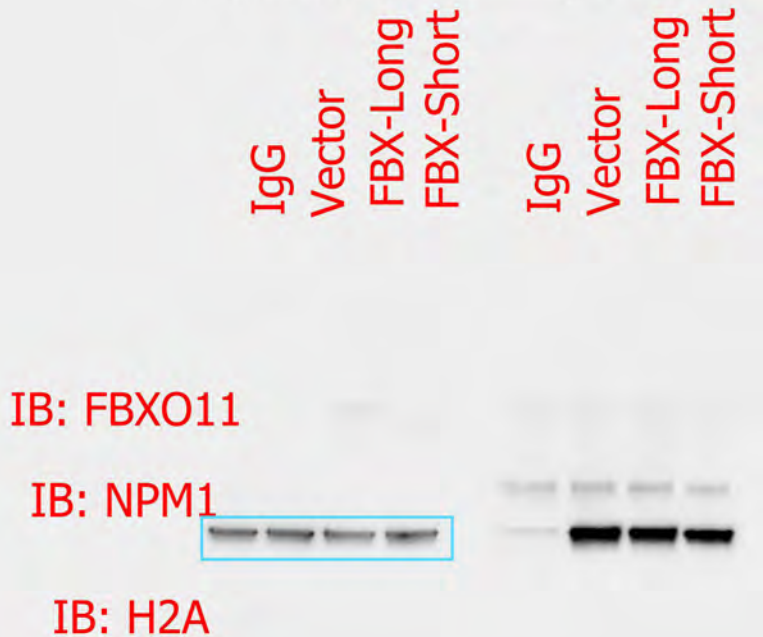
Unedited blot for **Figure 2C** - FBXO11, input



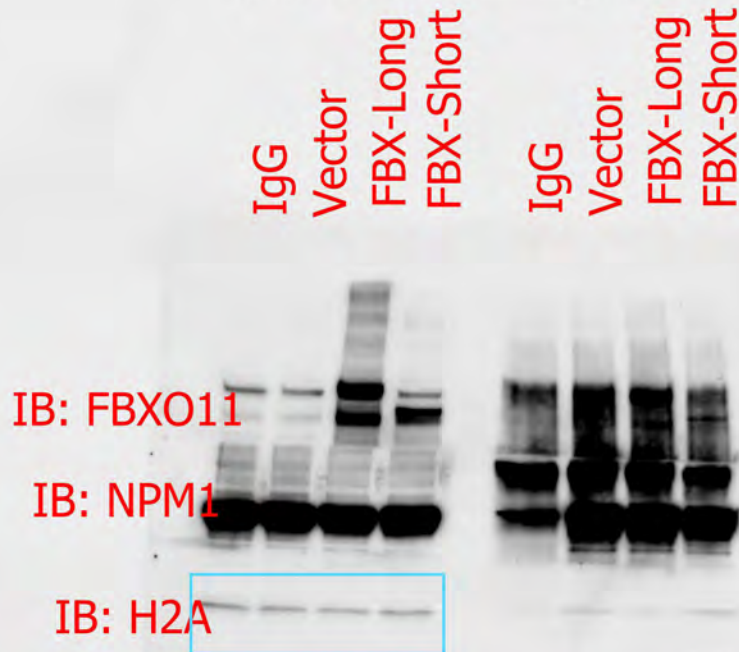
Input samples IP: NPM1

Femto-Pico developer

Unedited blot for **Figure 2C** - NPM1, input



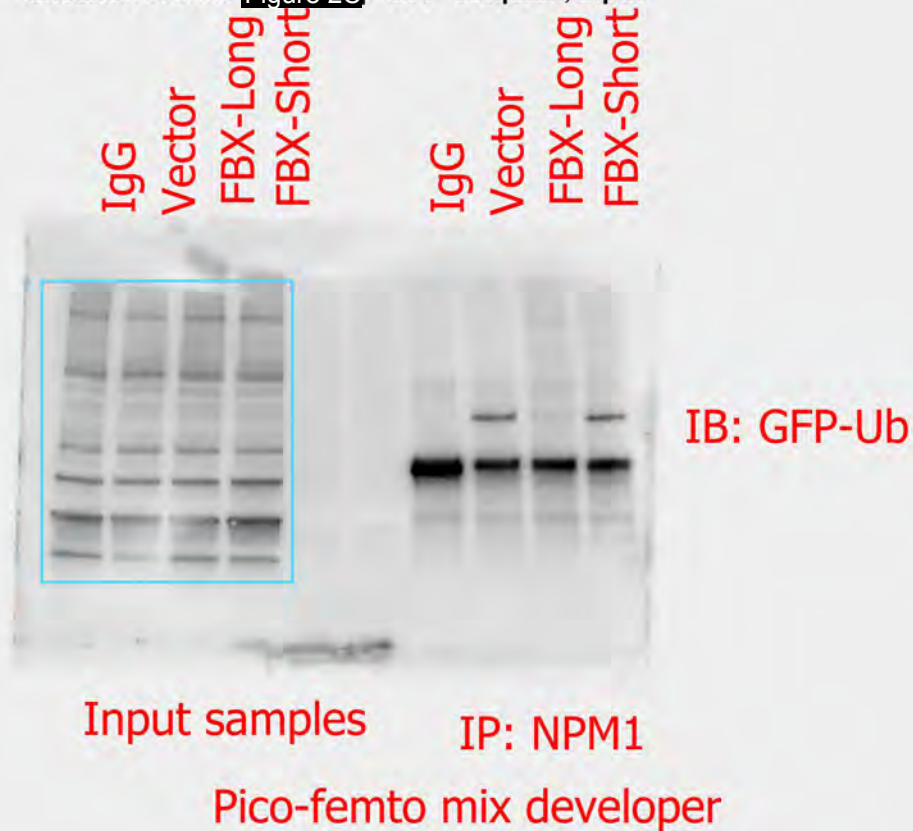
Unedited blot for Figure 2C - H2A, input



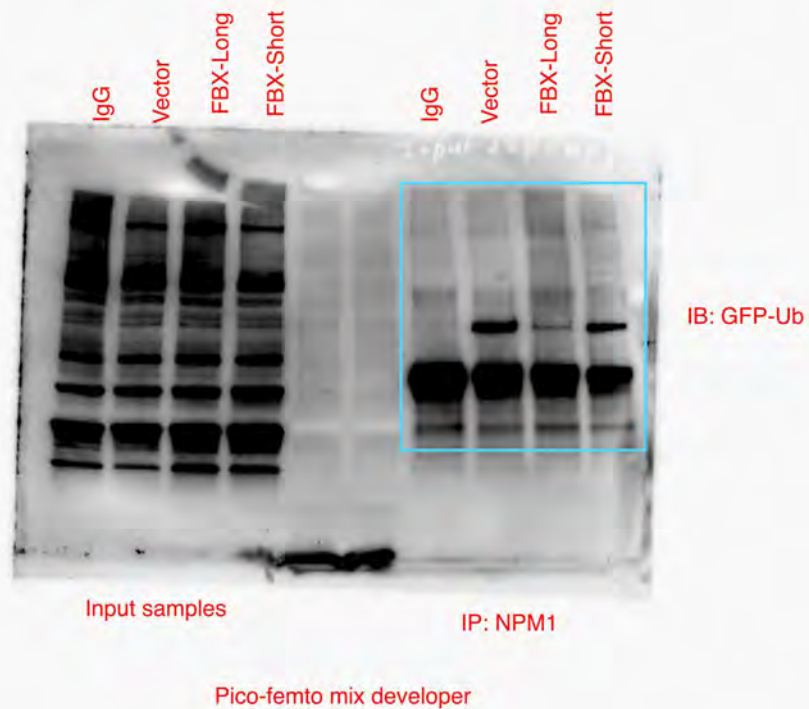
Input samples IP: NPM1

Femto-Pico developer

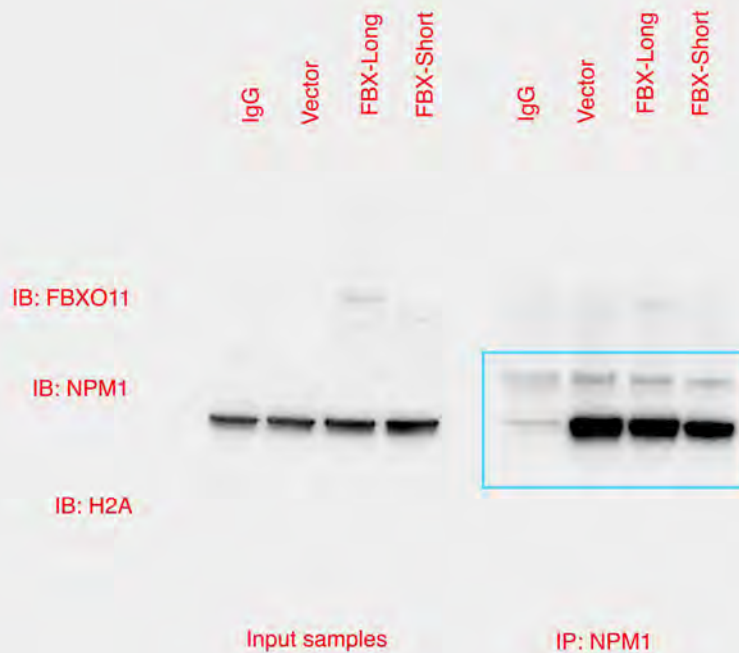
Unedited blot for Figure 2C - GFP-Ubiquitin, input



Unedited blot for **Figure 2C** - GFP-ubiquitin, IP



Unedited blot for Figure 2C - NPM1, IP

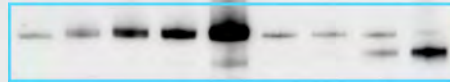


Pico developer

Unedited blot for Figure 3B - FBXO11

HEK293T doses for splicing reporter

1 2 3 4 5 6 7 8 9



Blot: FBXO11

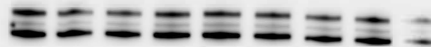
ACTIN

1. pcDNA
2. 0.5ug FBXO11 Long
3. 1.0ug FBXO11 Long
4. 2.0ug FBXO11 Long
5. 5.0ug FBXO11 Long
6. 0.5ug FBXO11 Short
7. 1.0ug FBXO11 Short
8. 2.0ug FBXO11 Short
9. 5.0ug FBXO11 Short

Unedited blot for Figure 3B - SYNCRIP

HEK293T doses for splicing reporter

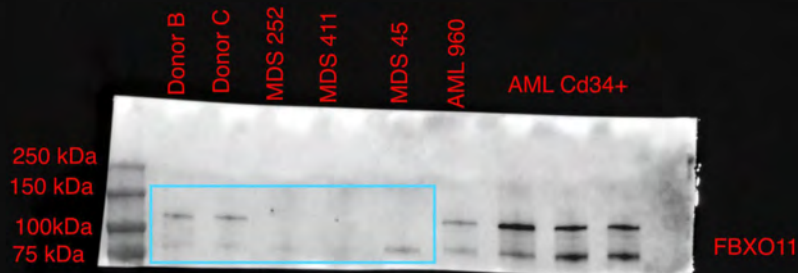
1 2 3 4 5 6 7 8 9



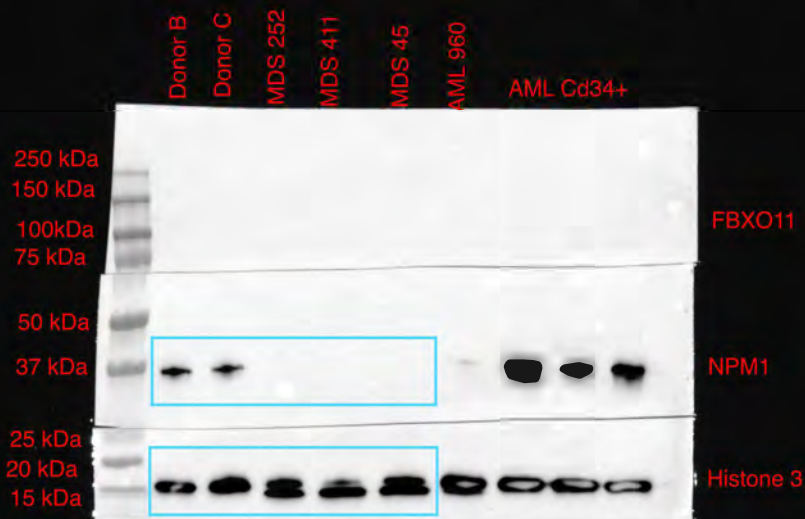
SYNCRIP antibody

1. pcDNA
2. 0.5ug FBXO11 Long
3. 1.0ug FBXO11 Long
4. 2.0ug FBXO11 Long
5. 5.0ug FBXO11 Long
6. 0.5ug FBXO11 Short
7. 1.0ug FBXO11 Short
8. 2.0ug FBXO11 Short
9. 5.0ug FBXO11 Short

Unedited blot for [REDACTED] - FBXO11
Figure 6A



Unedited blot for Figure 6A - NPM1, H3



Unedited blot for [REDACTED] - FBXO11 set 2

Figure 6A



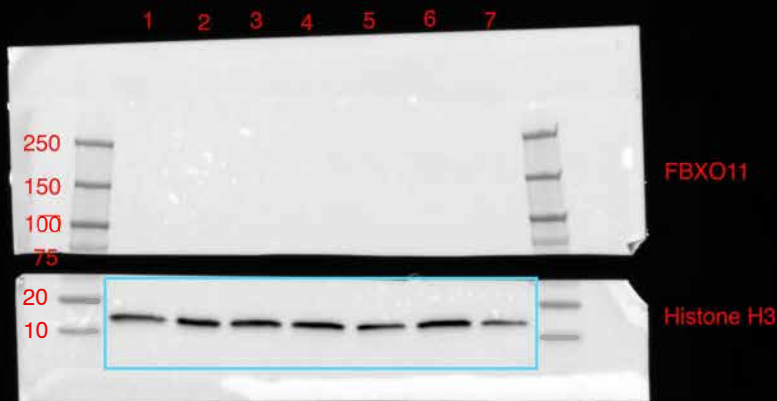
1. Healthy donor B
2. Healthy donor C
3. Healthy Donor E
4. MDS B
5. MDS C
6. MDS D
7. MDS G

Unedited blot for Figure 6A - NPM1 set 2



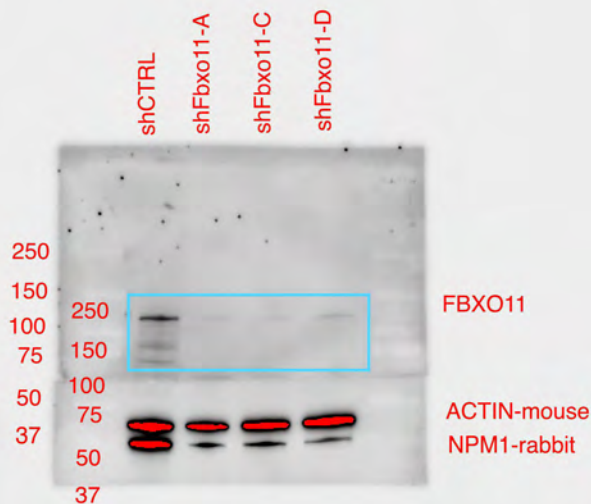
1. Healthy donor B
2. Healthy donor C
3. Healthy Donor E
4. MDS B
5. MDS C
6. MDS D
7. MDS G

Unedited blot for Figure 6A - H3 set 2



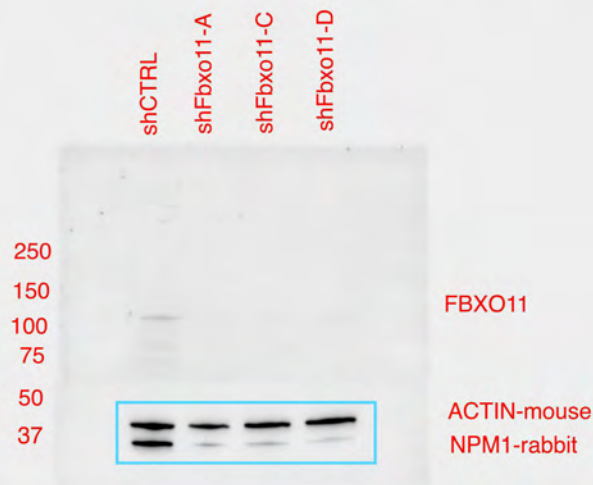
1. Healthy donor B
2. Healthy donor C
3. Healthy Donor E
4. MDS B
5. MDS C
6. MDS D
7. MDS G

Unedited blot for Figure 6O - FBXO11



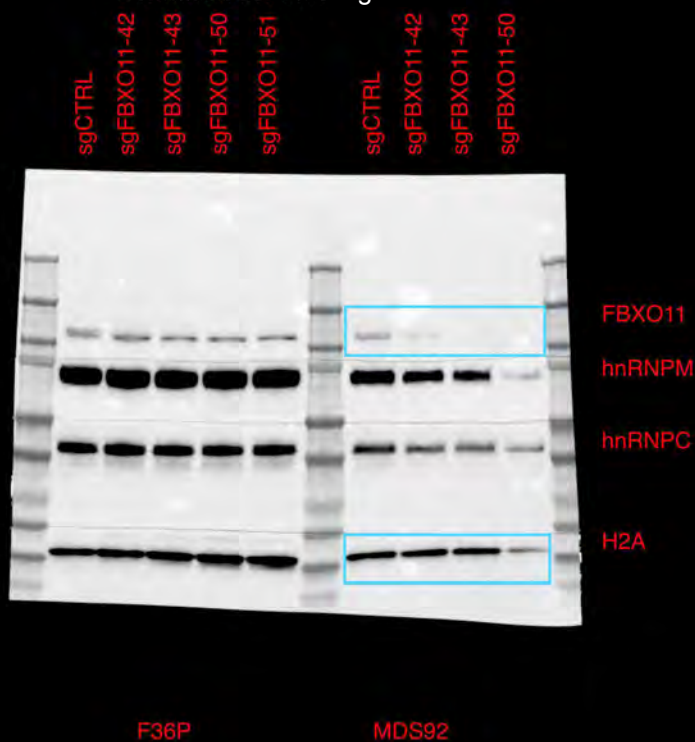
used 50-50 mix of pico and femto developer

Unedited blot for Figure 6O - ACTIN, NPM1



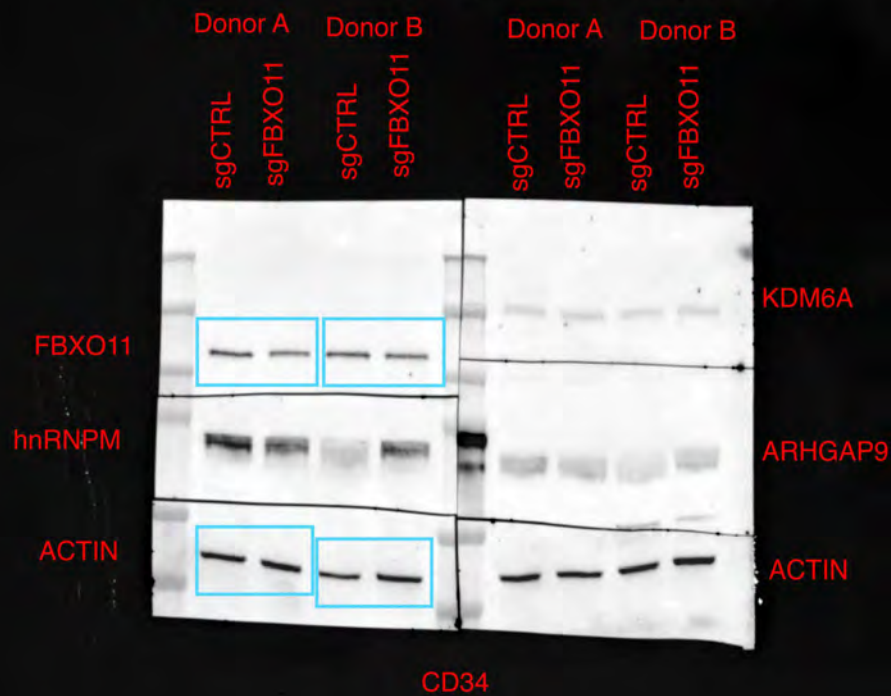
used 50-50 mix of pico and femto developer

Unedited blot for Figure S4A

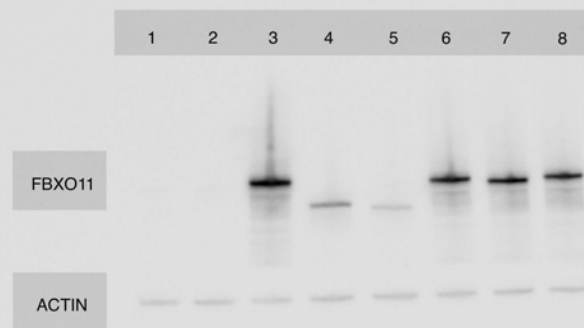


*not enough cells in sg51 for MDS groups

Unedited blot for Supp Figure 4B - FBXO11, ACTIN

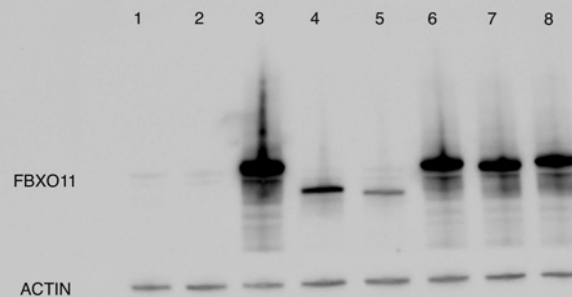


Unedited blot for Supp Figure XXXX - FBXO11
5B



1. Negative CTRL
2. pcDNA only
3. FBXO11-Long
4. FBXO11-Short
5. FBXO11-Short delF-Box
6. FBXO11-P49Q
7. FBXO11-P45-Q53del
8. FBXO11-Q55-Q56 dup

Unedited blot for Supp Figure XXXX - ACTIN
5B



1. Negative CTRL
2. pcDNA only
3. FBXO11-Long
4. FBXO11-Short
5. FBXO11-Short delF-Box
6. FBXO11-P49Q
7. FBXO11-P45-Q53del
8. FBXO11-Q55-Q56 dup