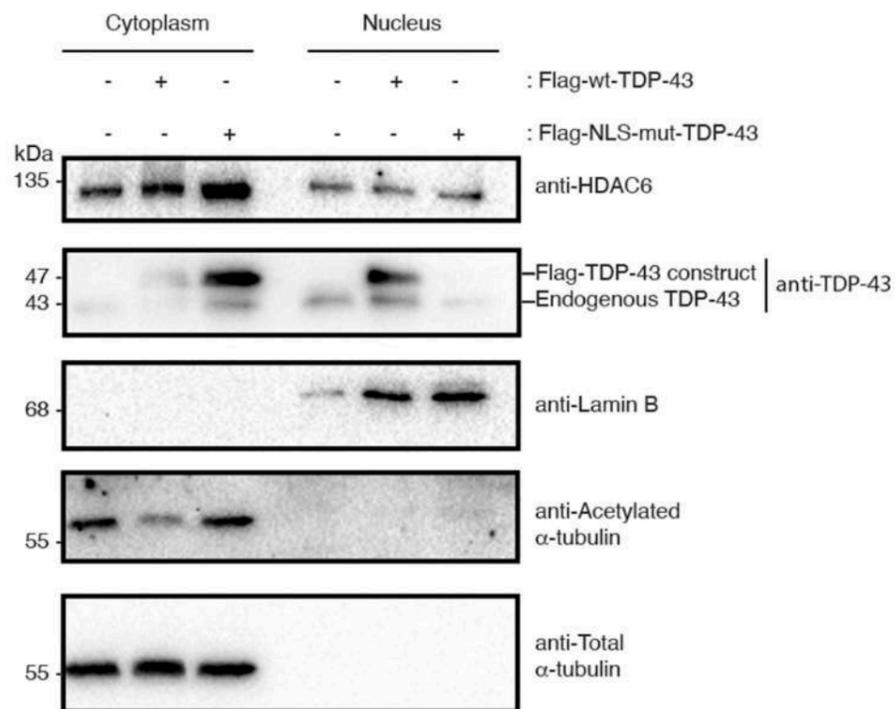


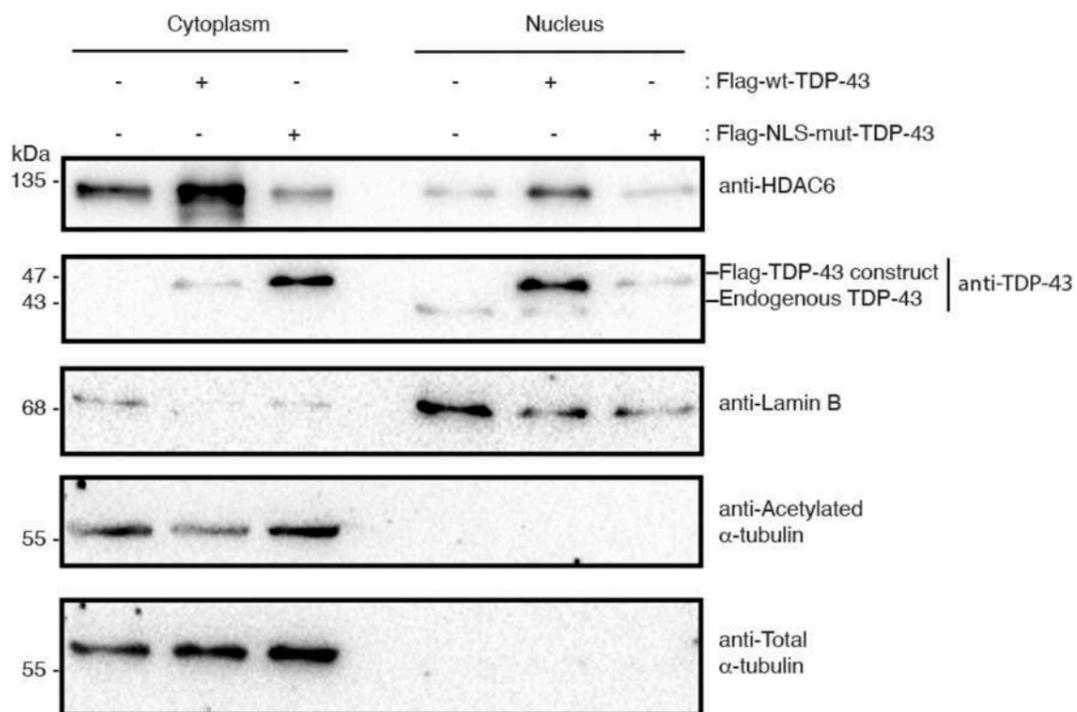
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Replicate 2 as figure format

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Replicate 3 as figure format

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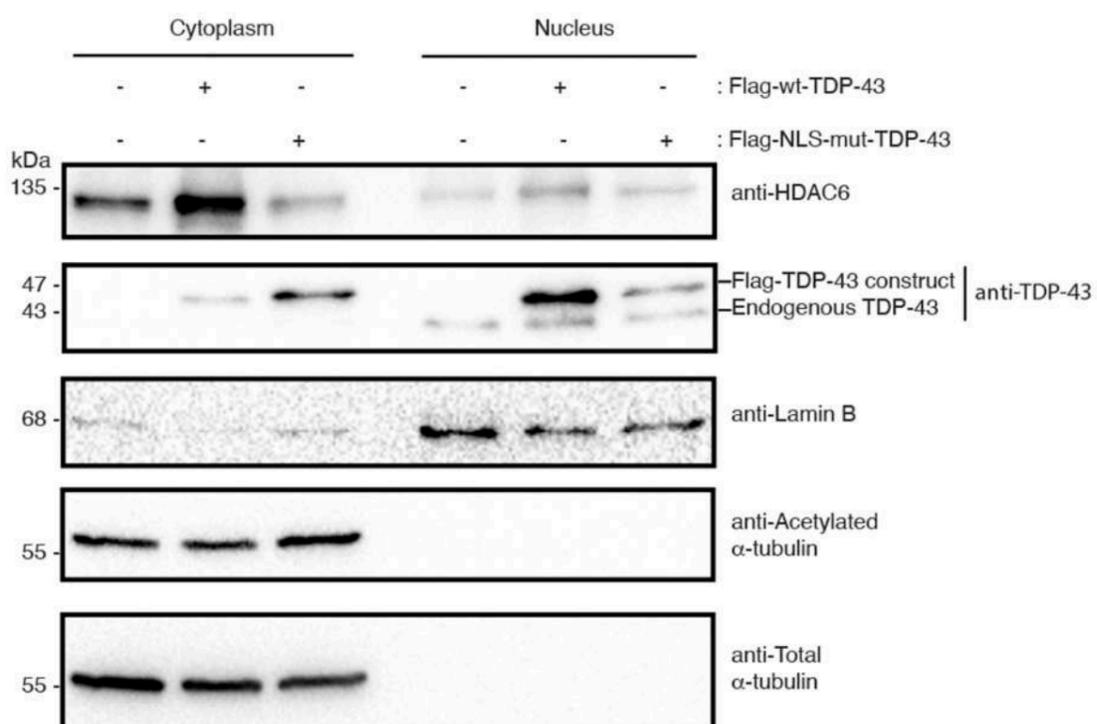


Figure S1. Replicate 1 HDAC6 complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

Cytoplasm

Nucleus

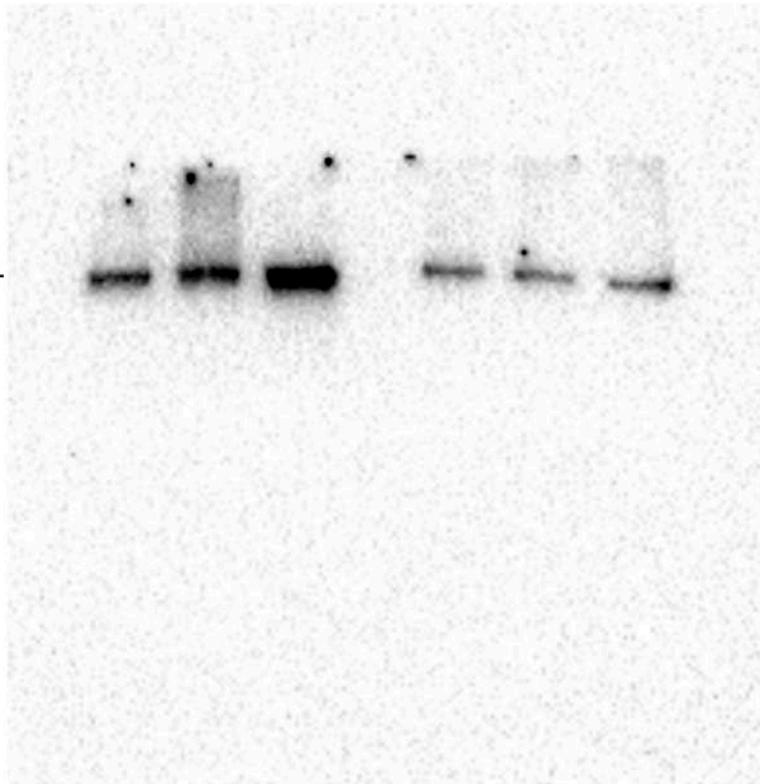
- + -
- - +

- + -
- - +

:Flag-wt-TDP-43

:Flag-NLS-mut-TDP-43

135kDa-



► Specific HDAC6 band

Figure S1. Replicate 1 TDP-43 complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

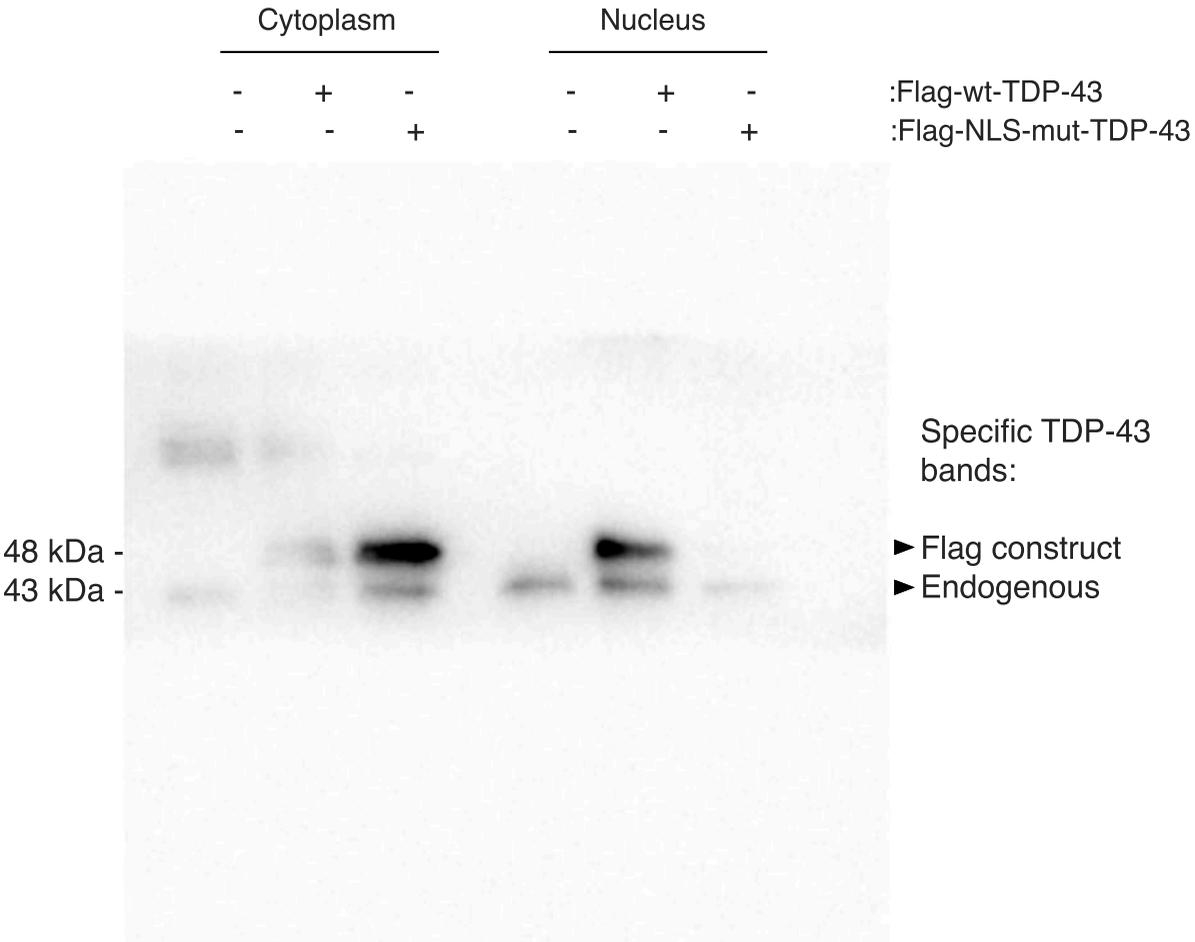


Figure S1. Replicate 1 Lamin B complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

Cytoplasm			Nucleus		
-	+	-	-	+	-
-	-	+	-	-	+

:Flag-wt-TDP-43

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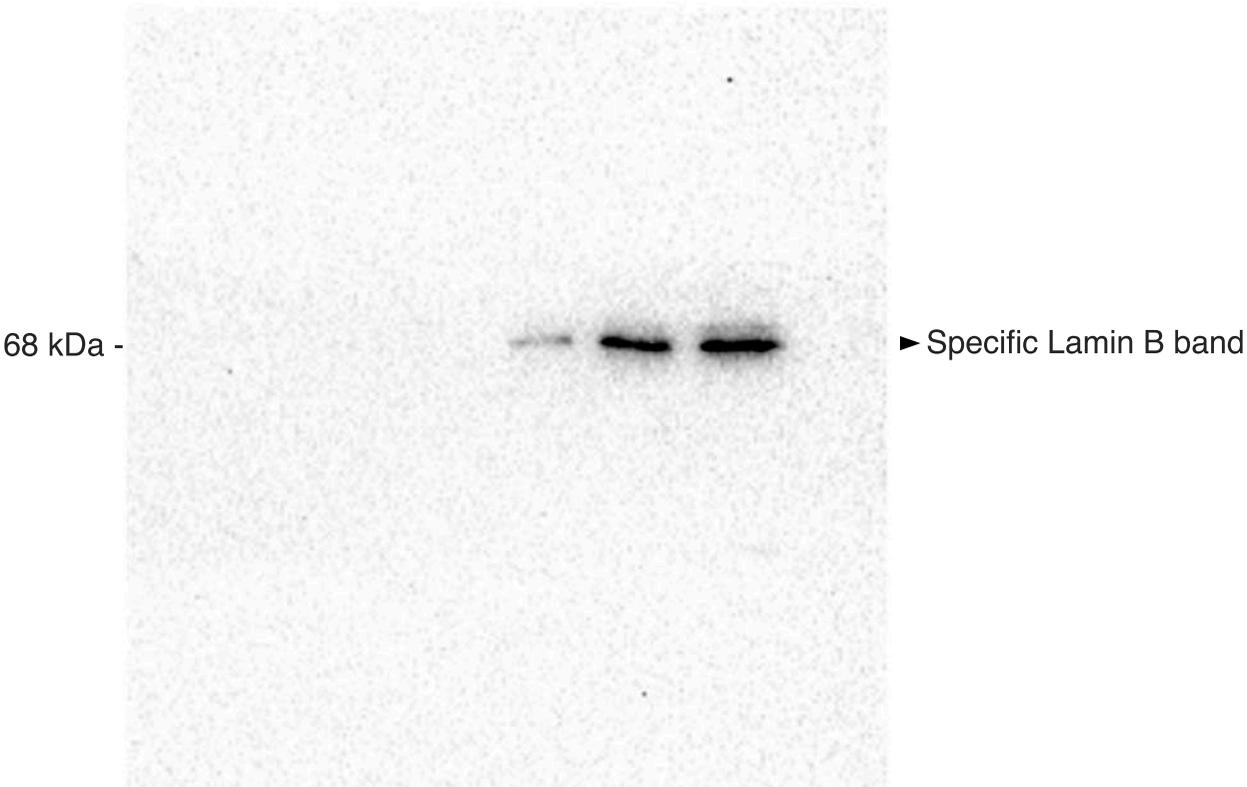


Figure S1. Replicate 1 Acetylated α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

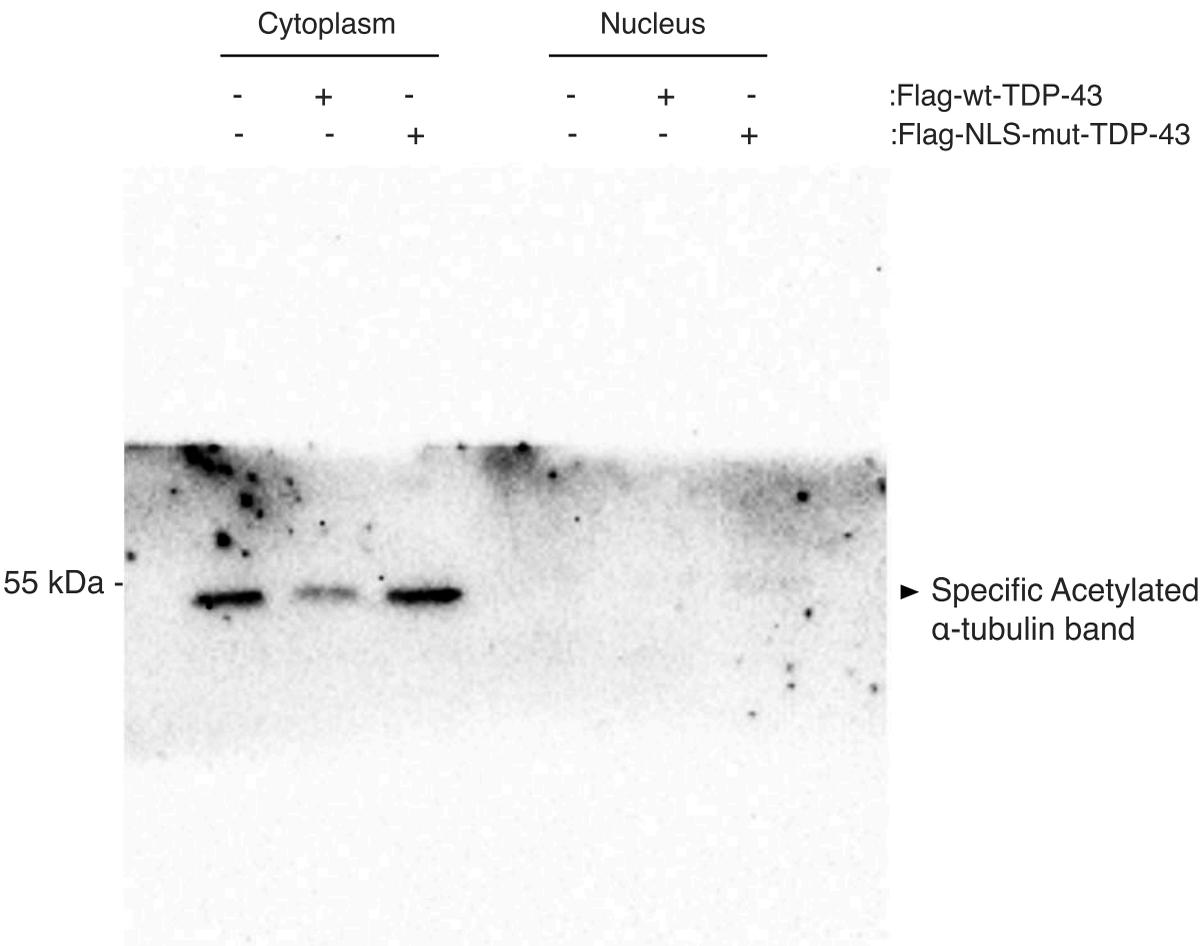


Figure S1. Replicate 1 Total α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

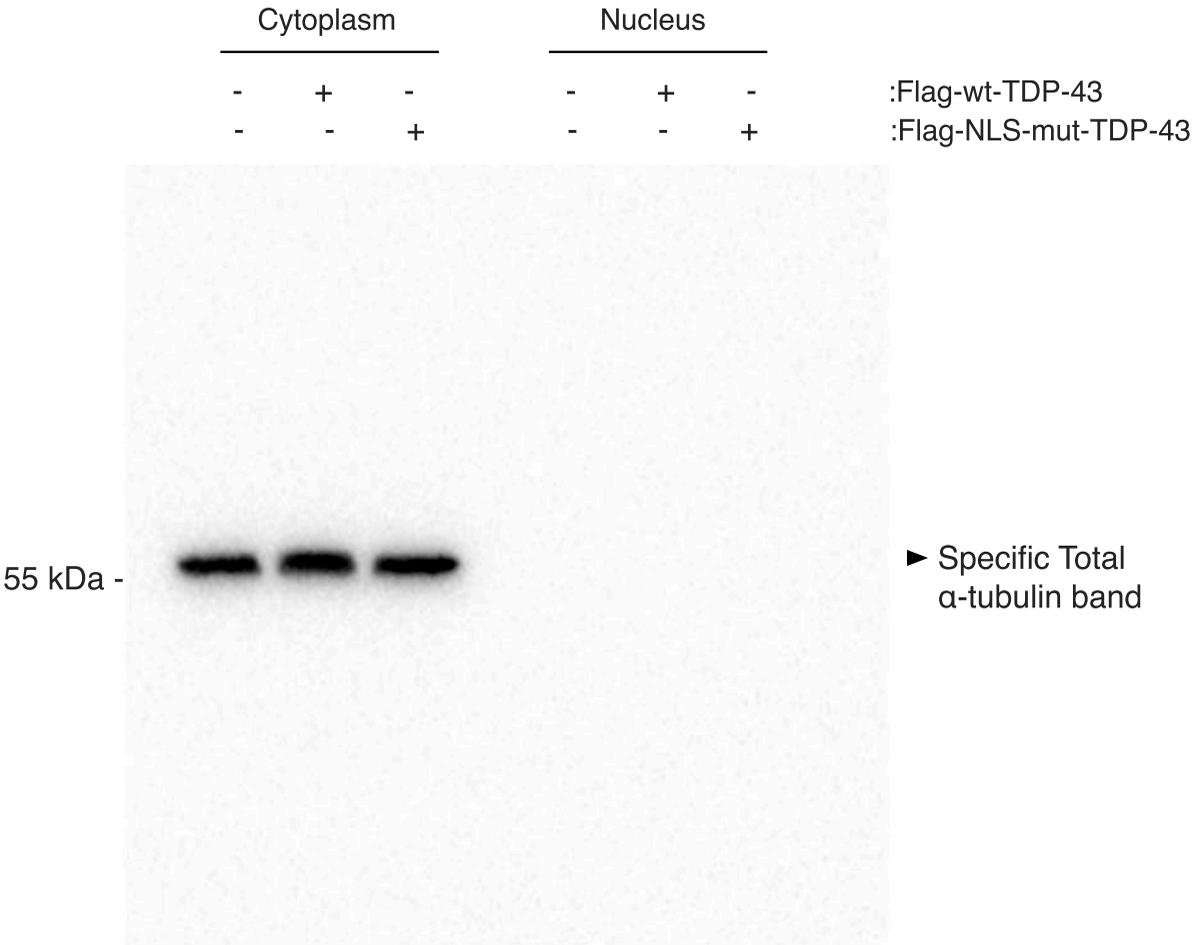


Figure S1. Replicate 2 HDAC6 complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

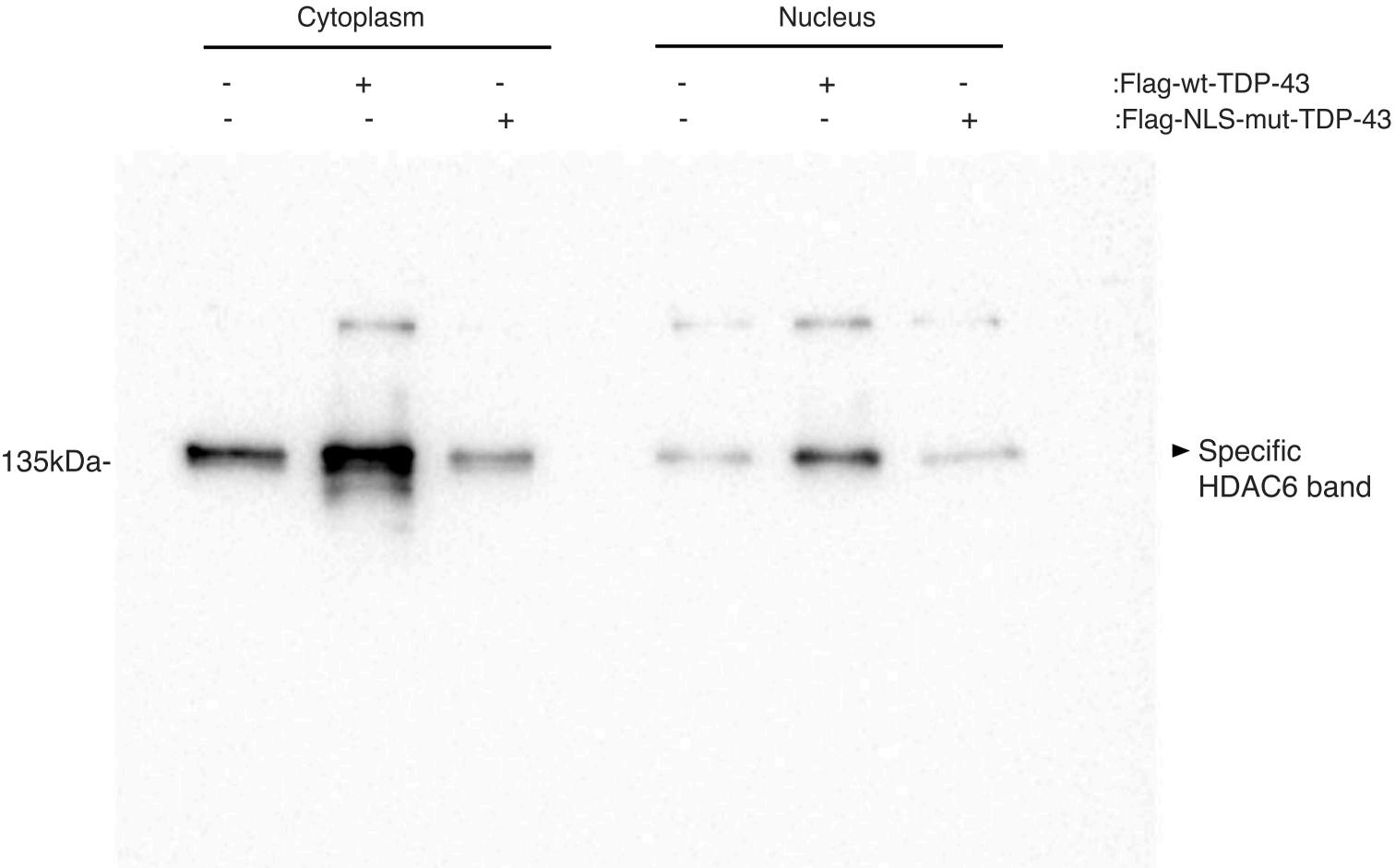


Figure S1. Replicate 2 TDP-43 complete gel Western-blot associated with Figure 1A
 Cabrera-Rodríguez, R., *et al.*

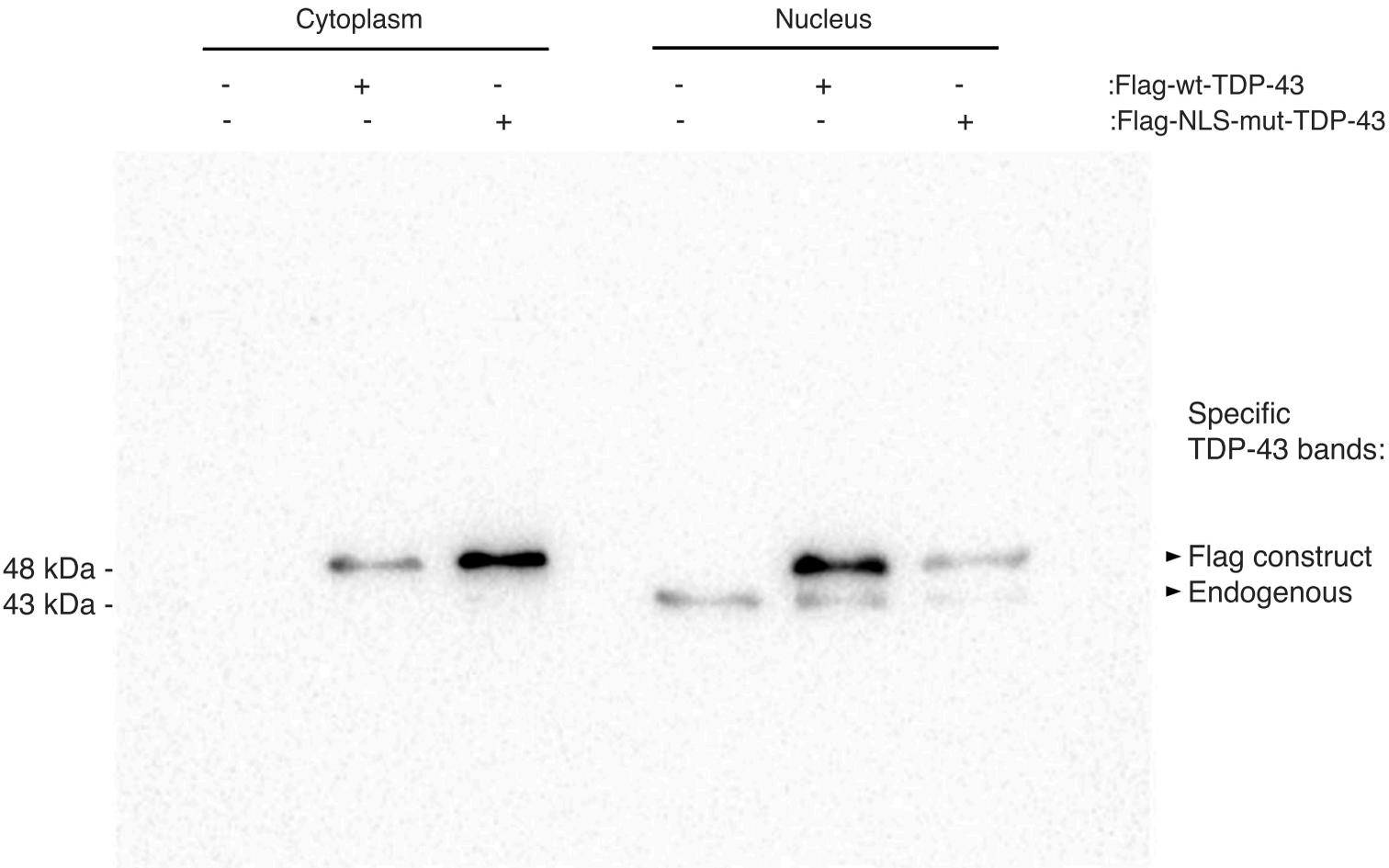


Figure S1. Replicate 2 Lamin B complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

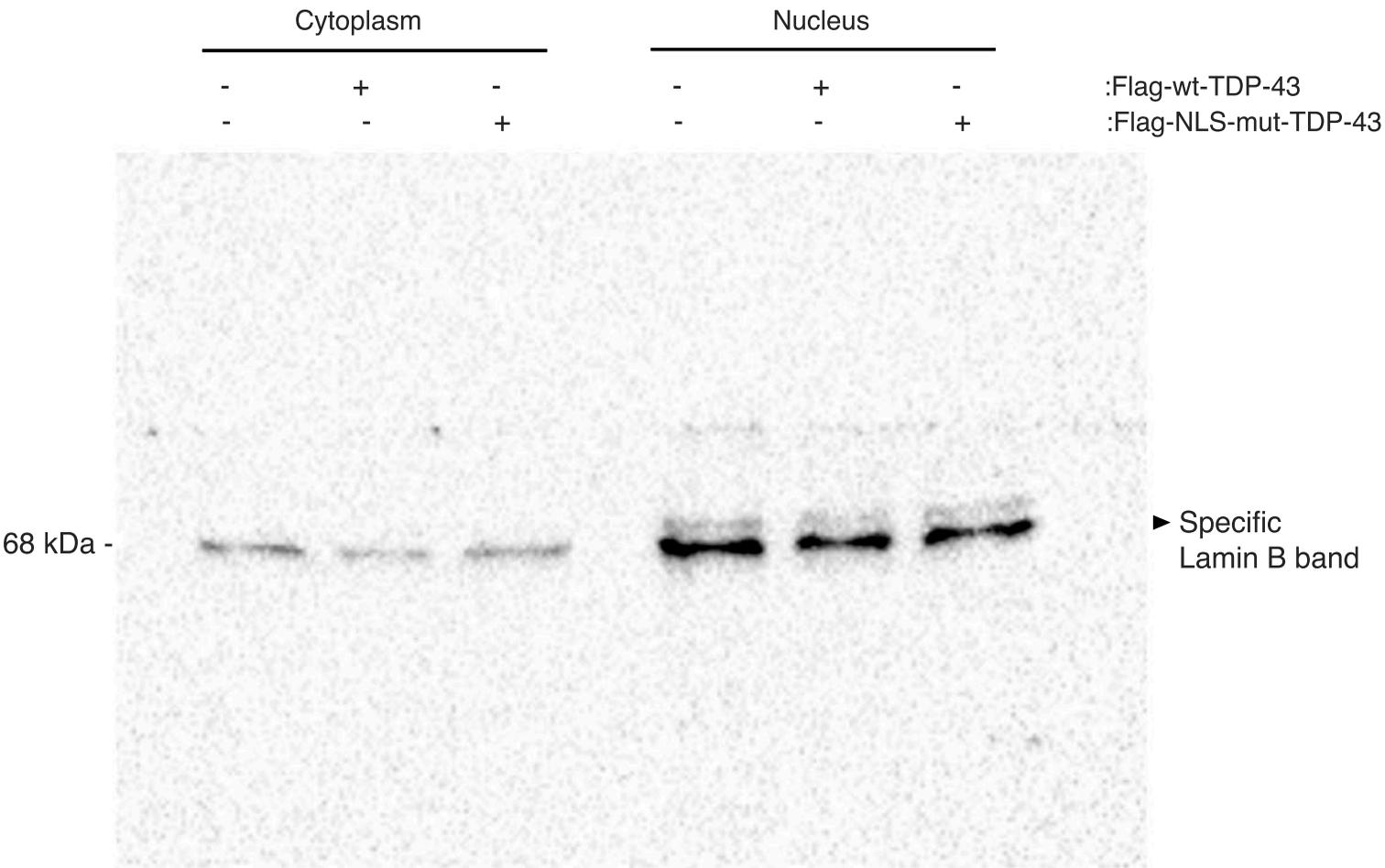


Figure S1. Replicate 2 Acetylated α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

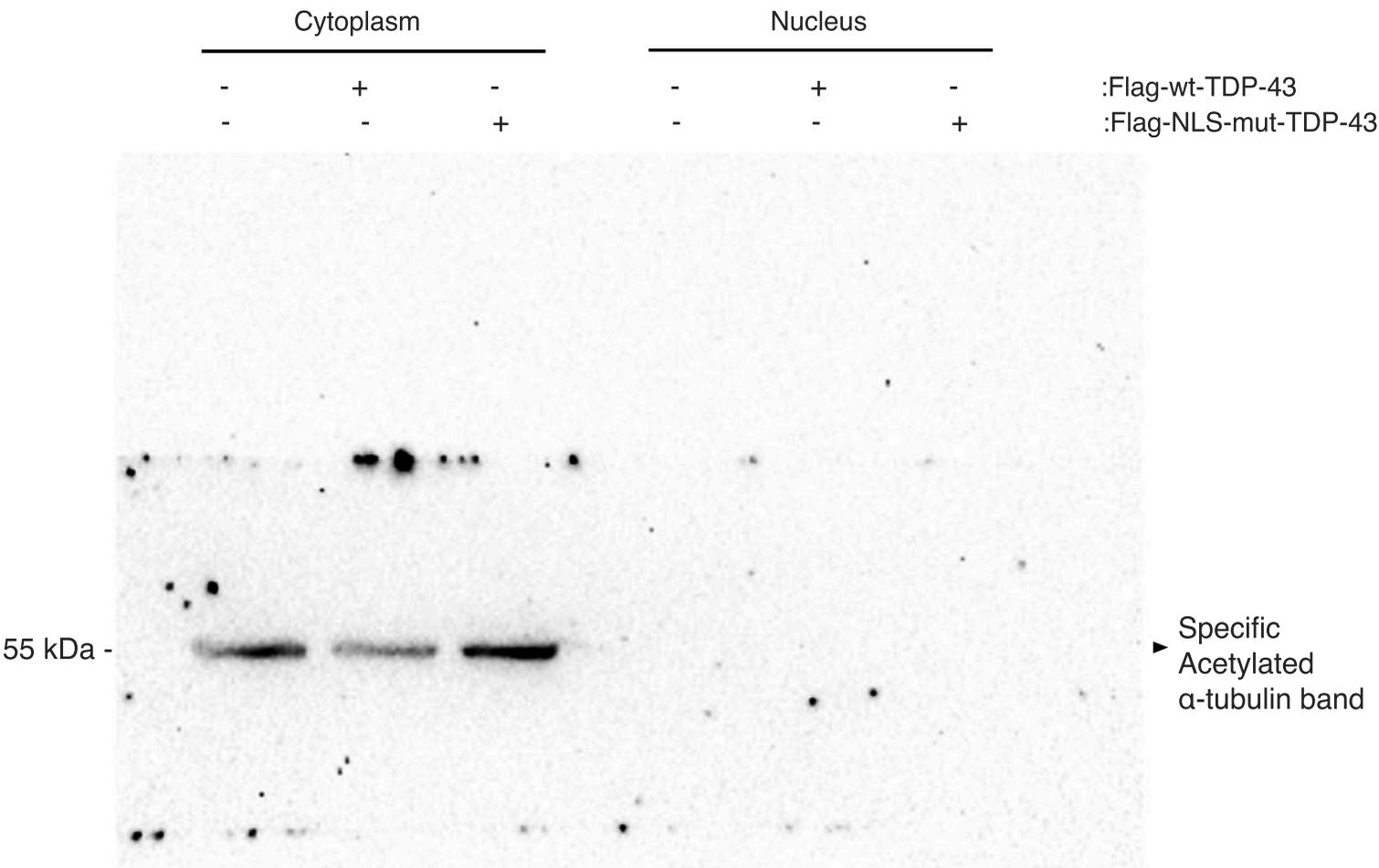


Figure S1. Replicate 2 Total α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

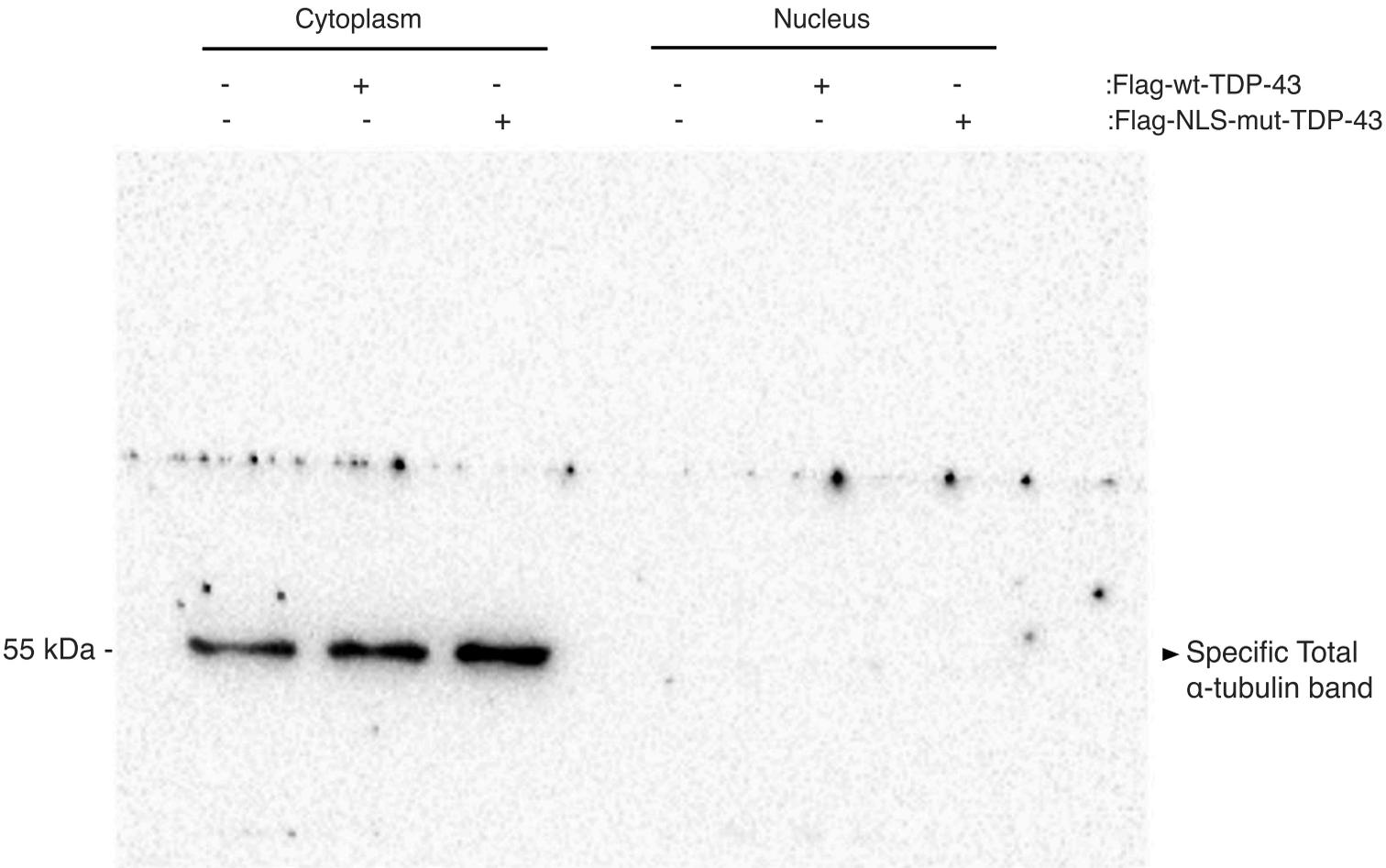


Figure S1. Replicate 3 HDAC6 complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

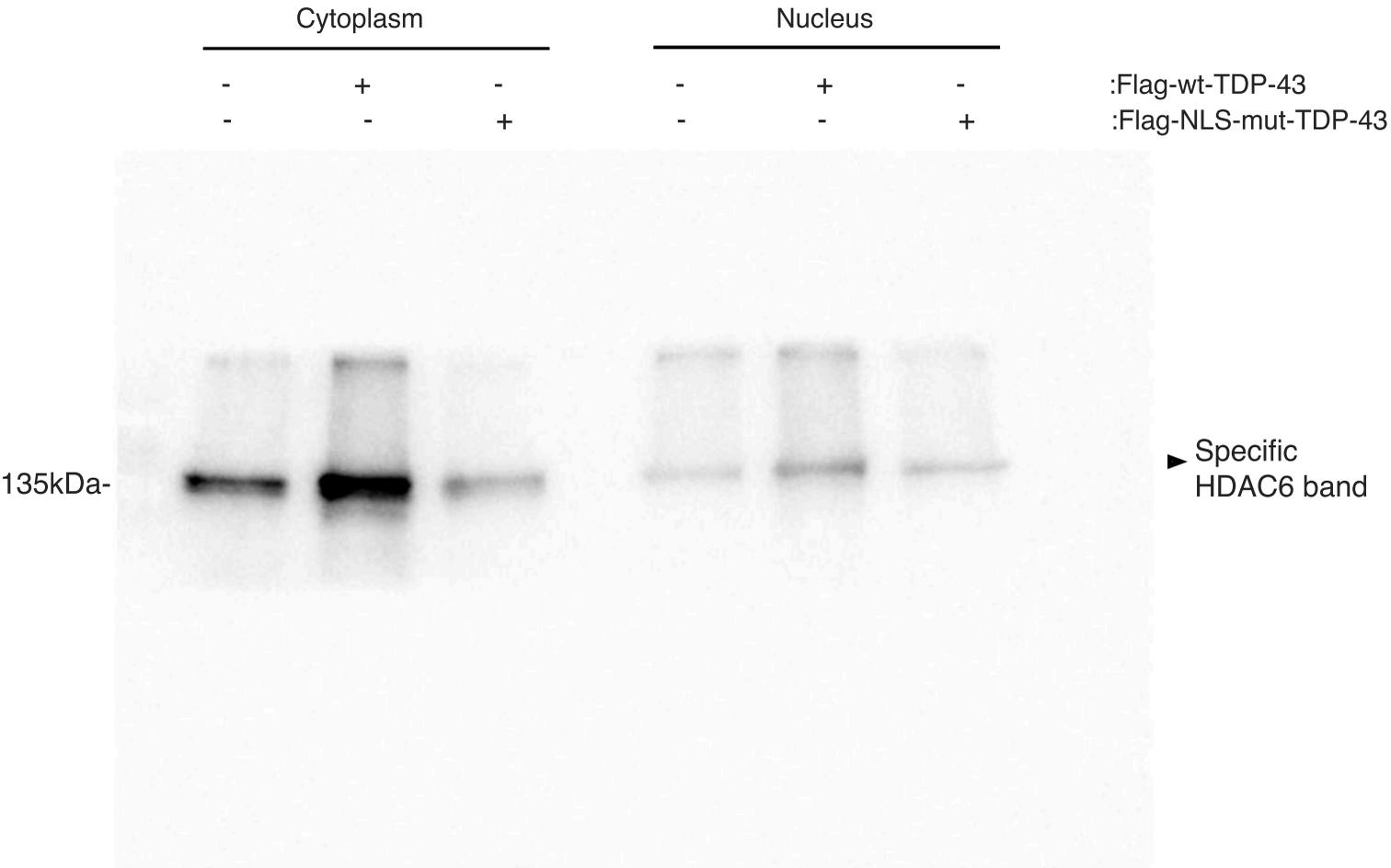


Figure S1. Replicate 3 TDP-43 complete gel Western-blot associated with Figure 1A
 Cabrera-Rodríguez, R., *et al.*

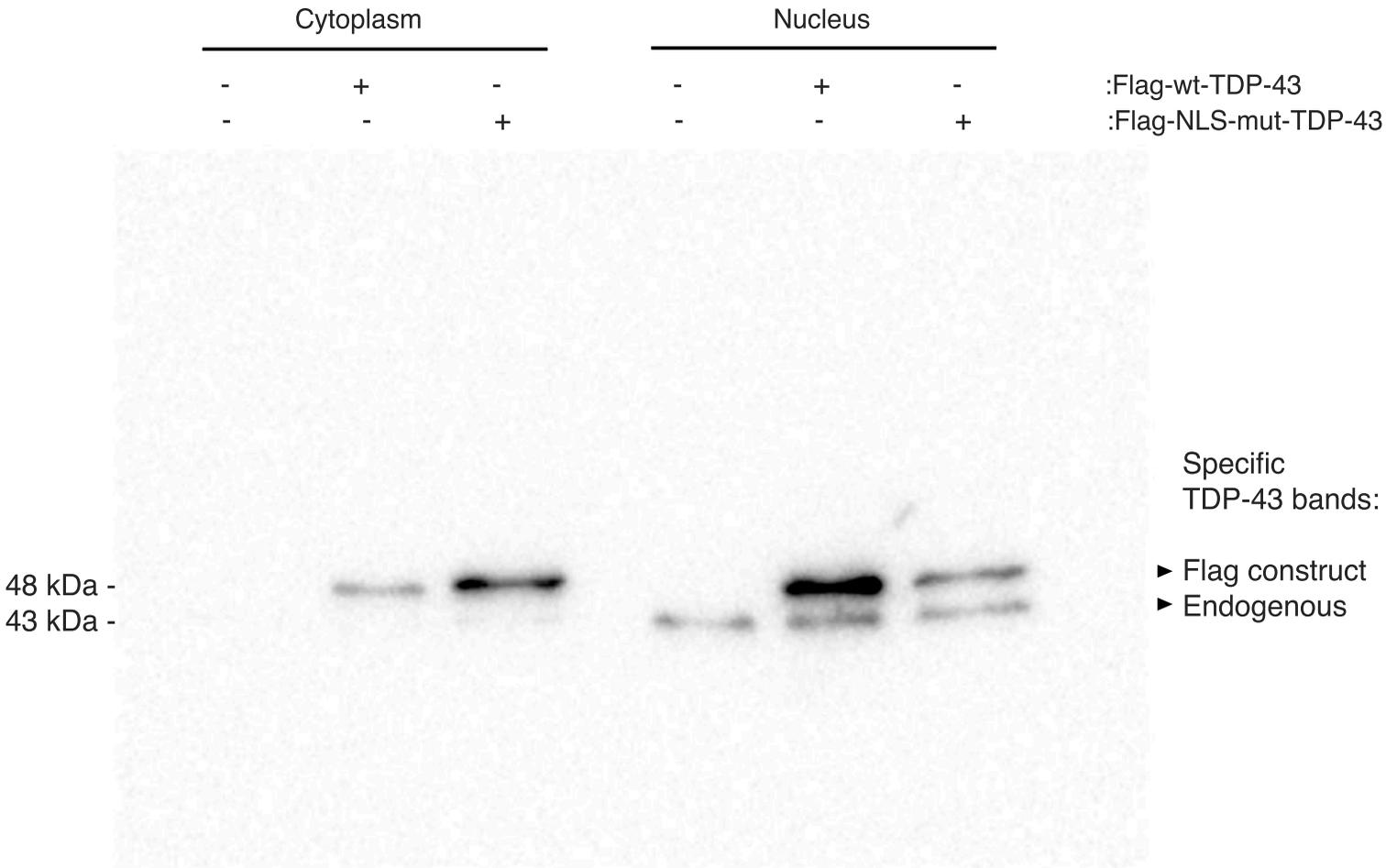


Figure S1. Replicate 3 Lamin B complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

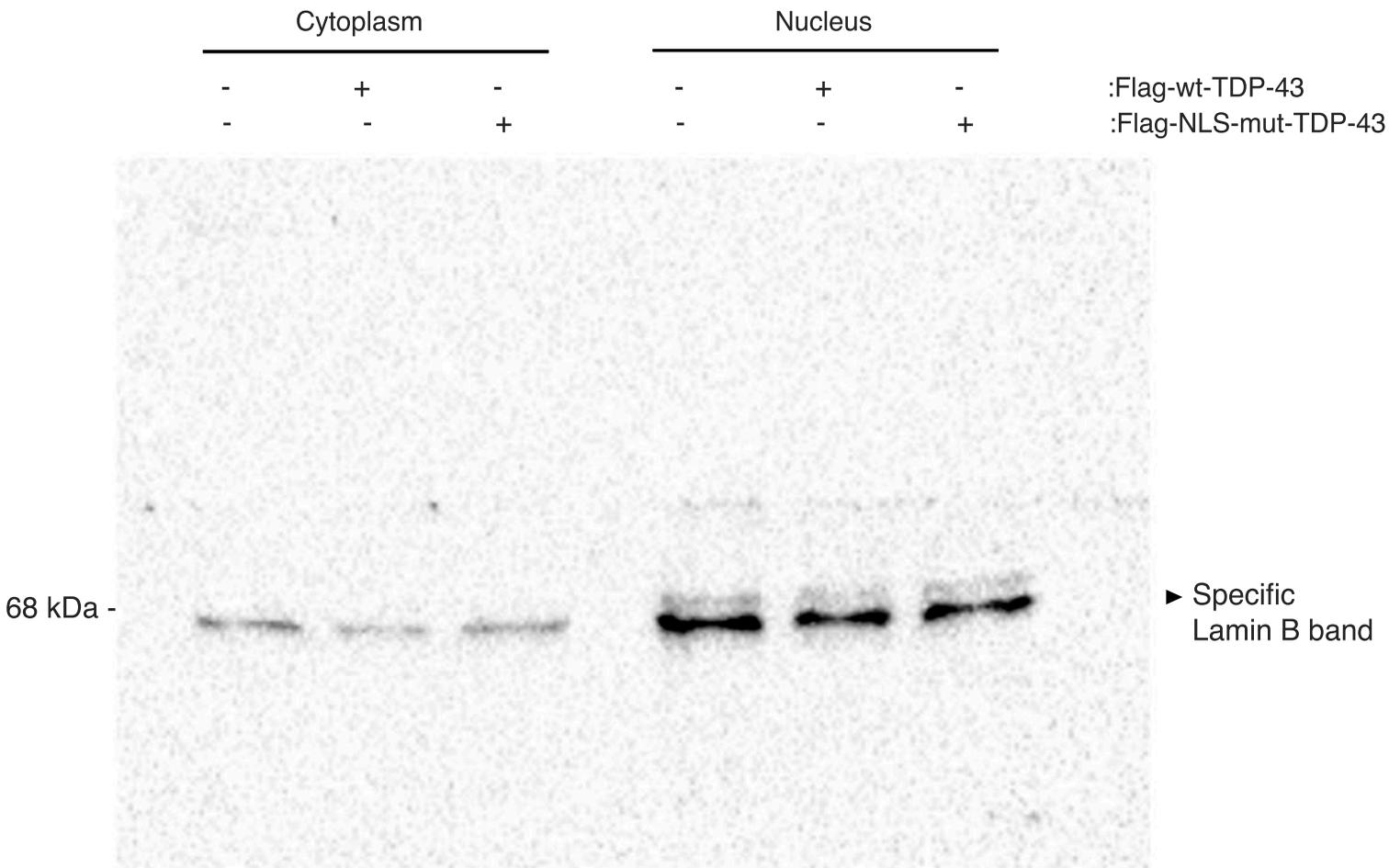


Figure S1. Replicate 3 Acetylated α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*

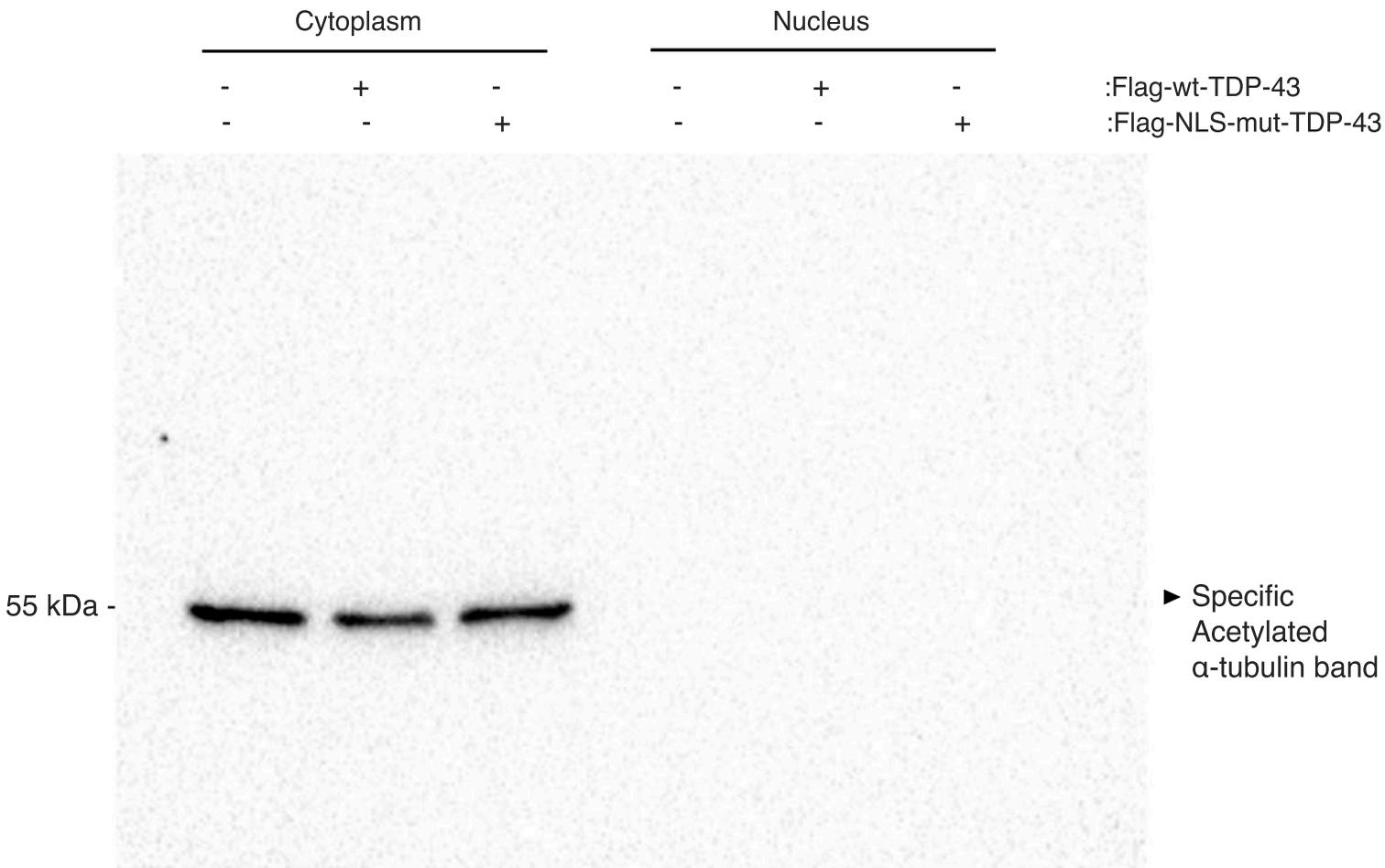
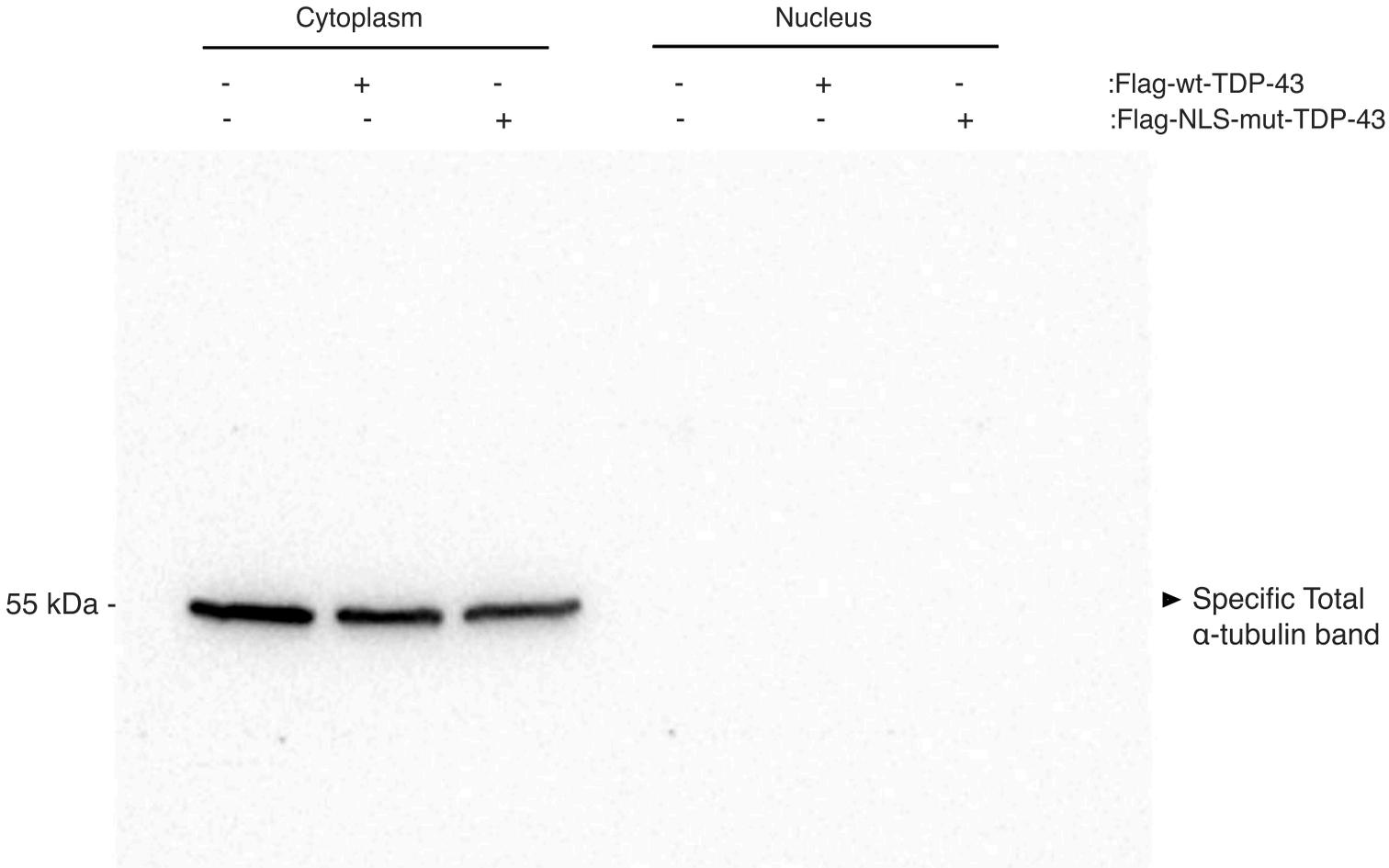
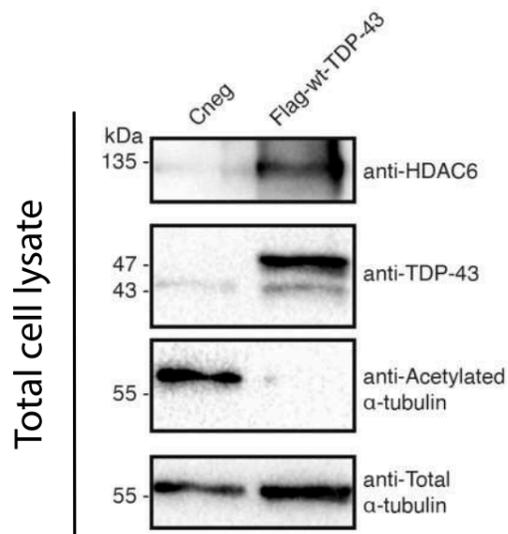


Figure S1. Replicate 3 Total α -tubulin complete gel Western-blot associated with Figure 1A
Cabrera-Rodríguez, R., *et al.*



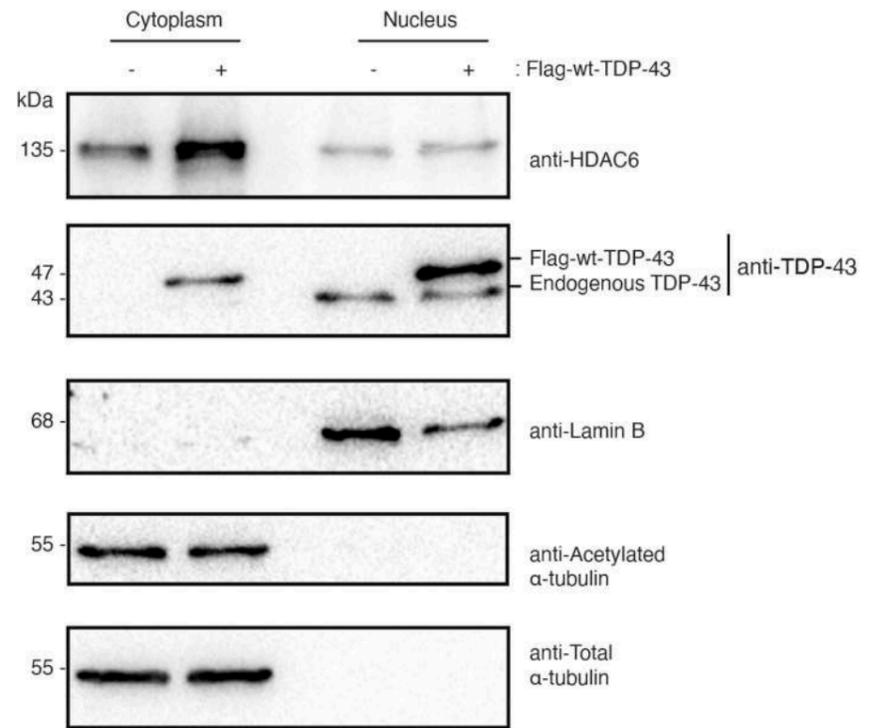
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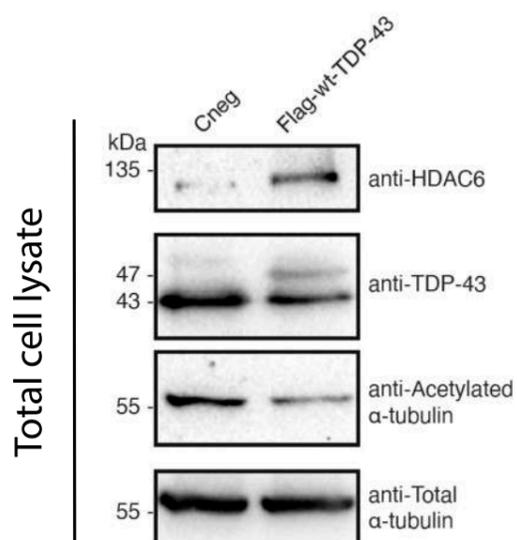
Replicate 1 as figure format

Cell fractioning



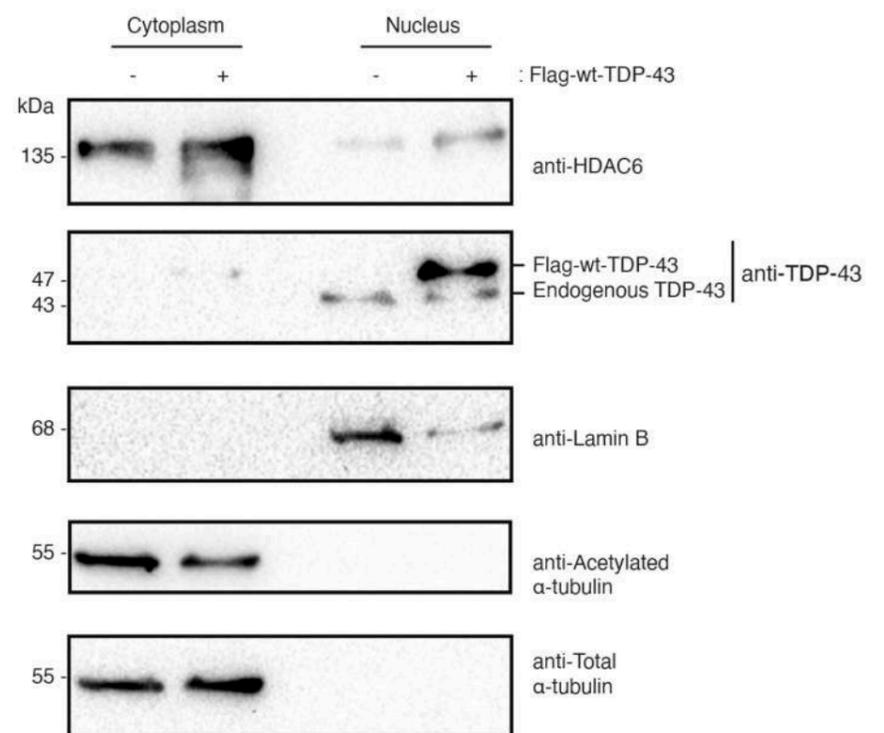
Replicate 2 as figure format

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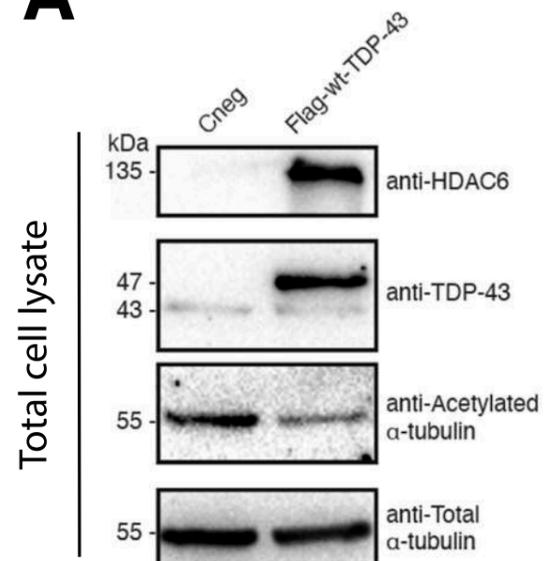
Replicate 2 as figure format

Cell fractioning



Replicate 3 as figure format

A



Replicate 3 as figure format

Cell fractioning

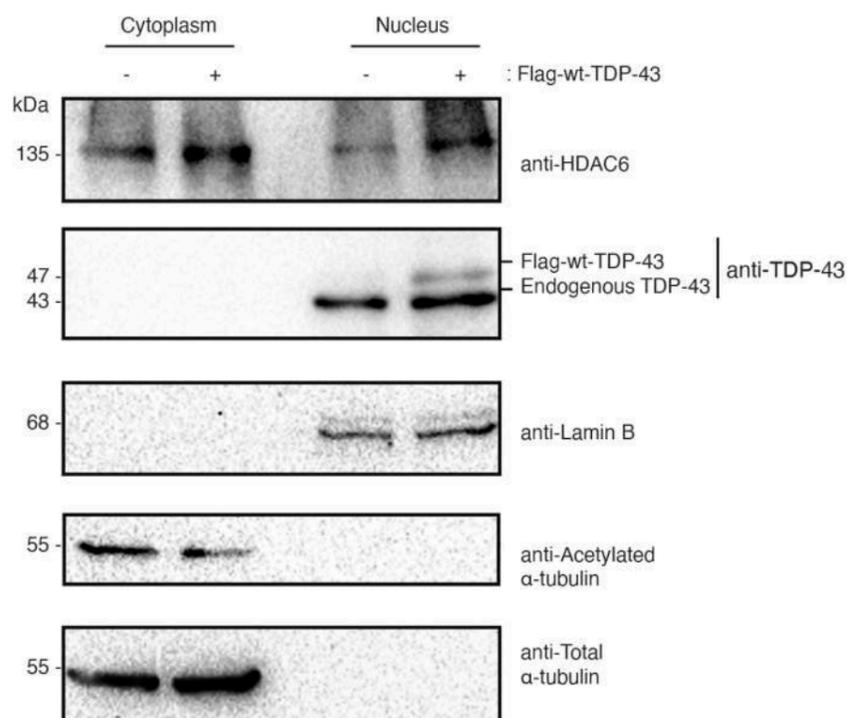


Figure S2. Replicate 1 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

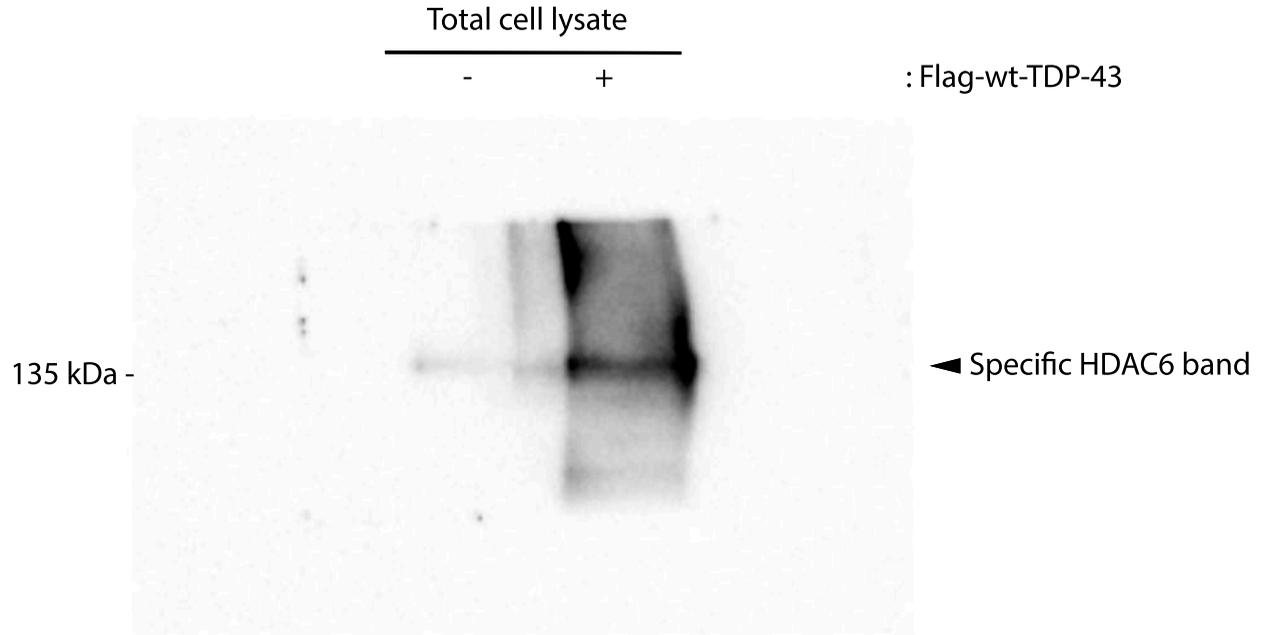


Figure S2. Replicate 1 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

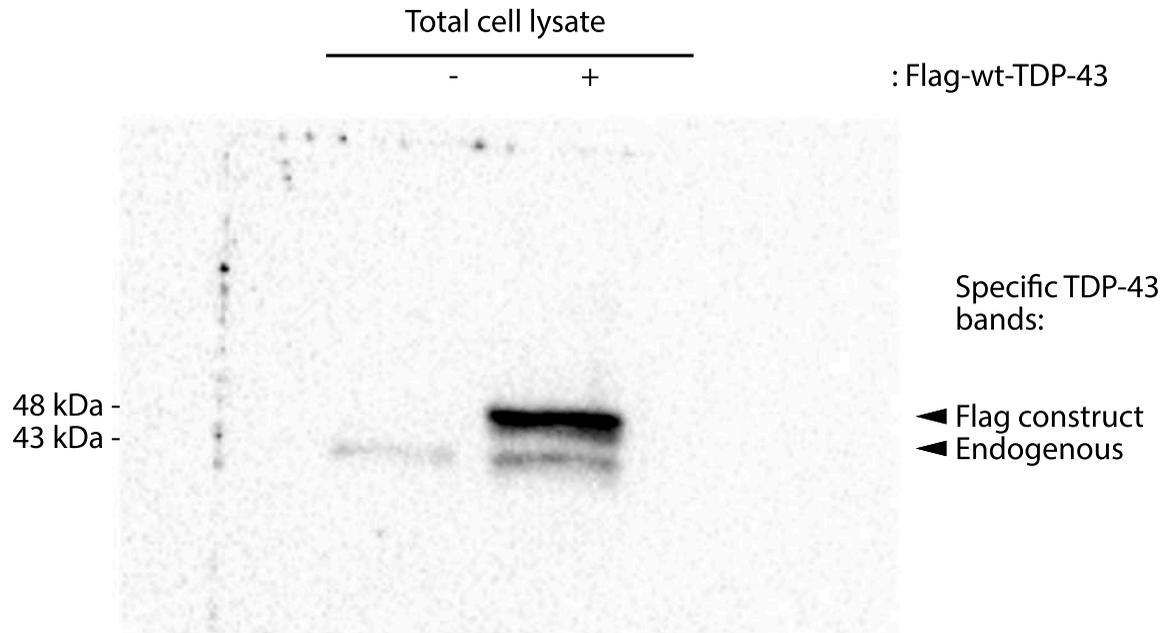


Figure S2. Replicate 1 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

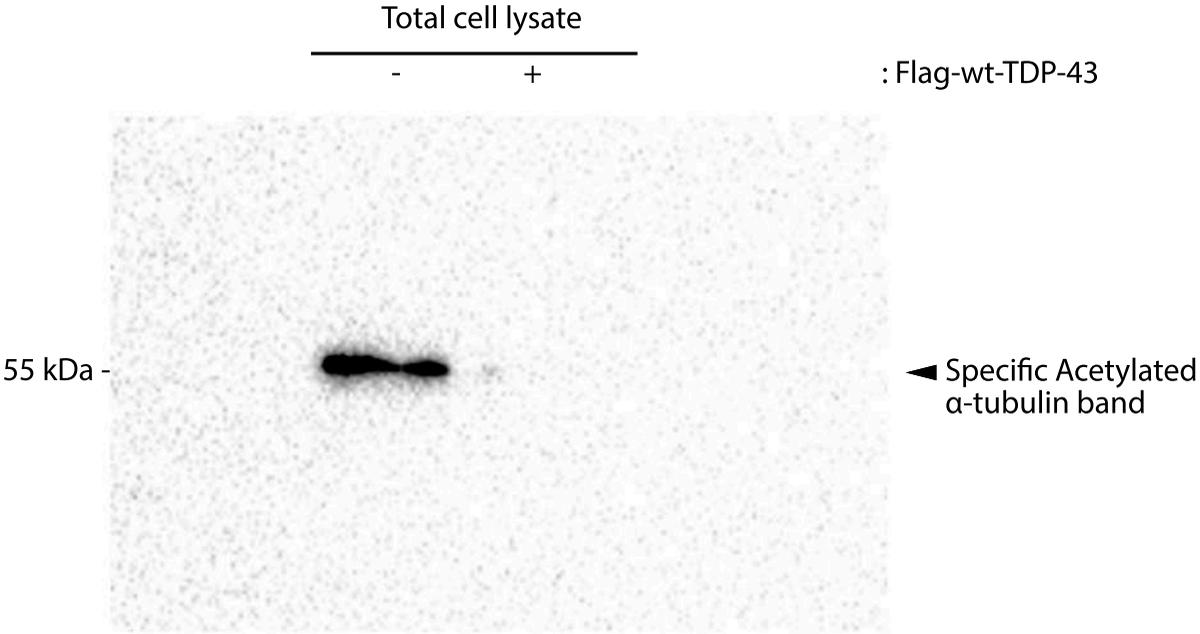


Figure S2. Replicate 1 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

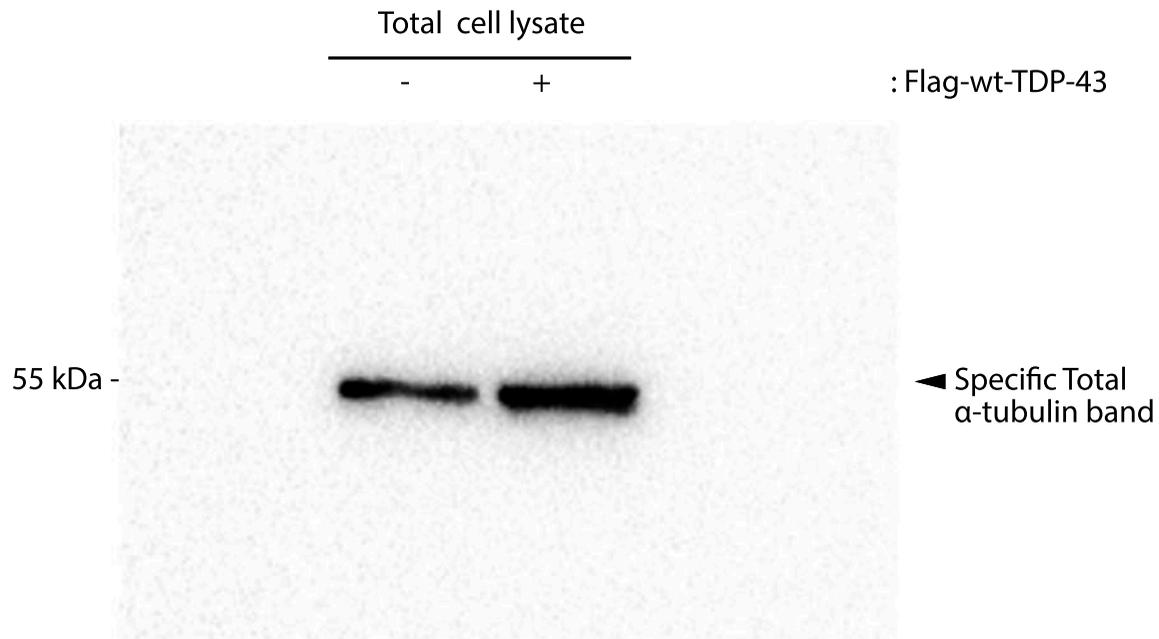


Figure S2. Replicate 1 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

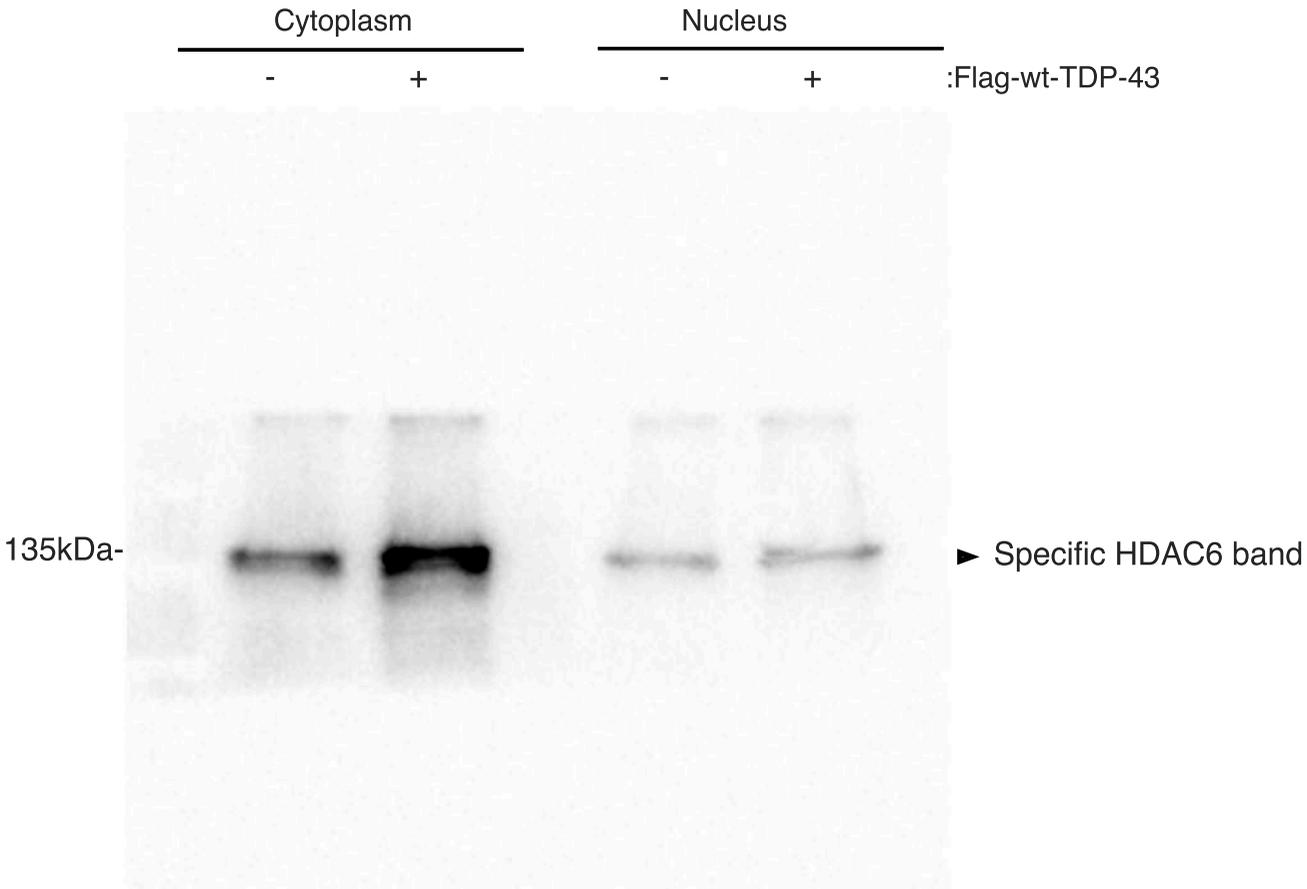


Figure S2. Replicate 1 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

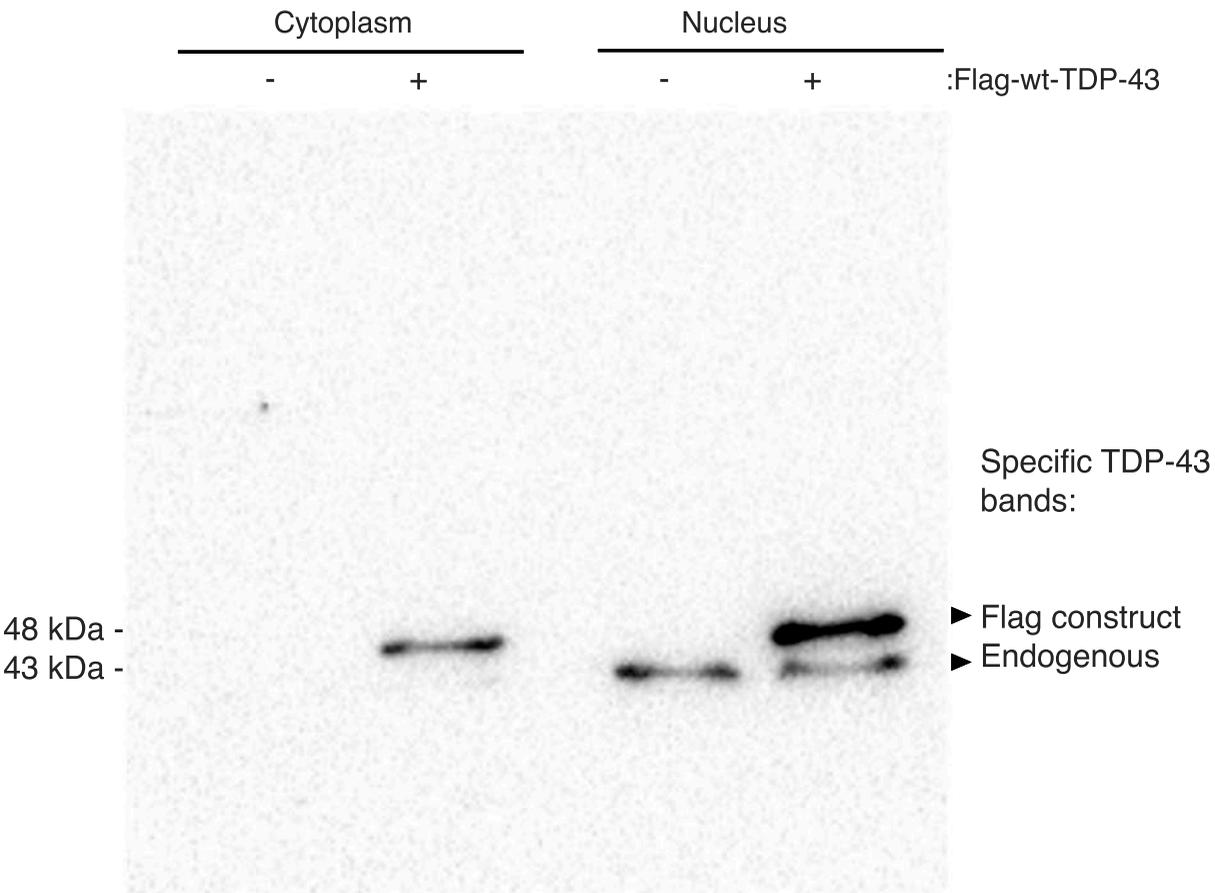


Figure S2. Replicate 1 Lamin B complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

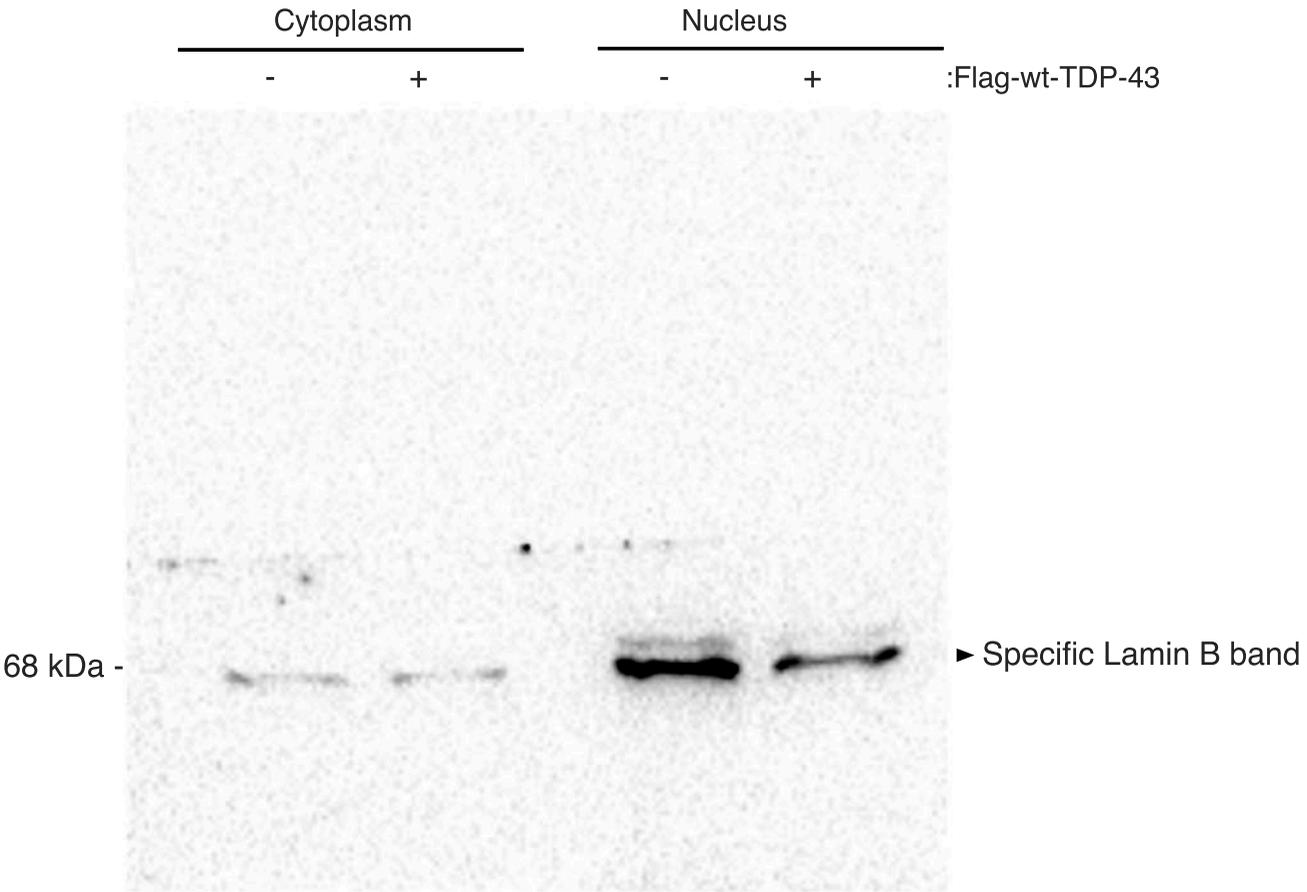


Figure S2. Replicate 1 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

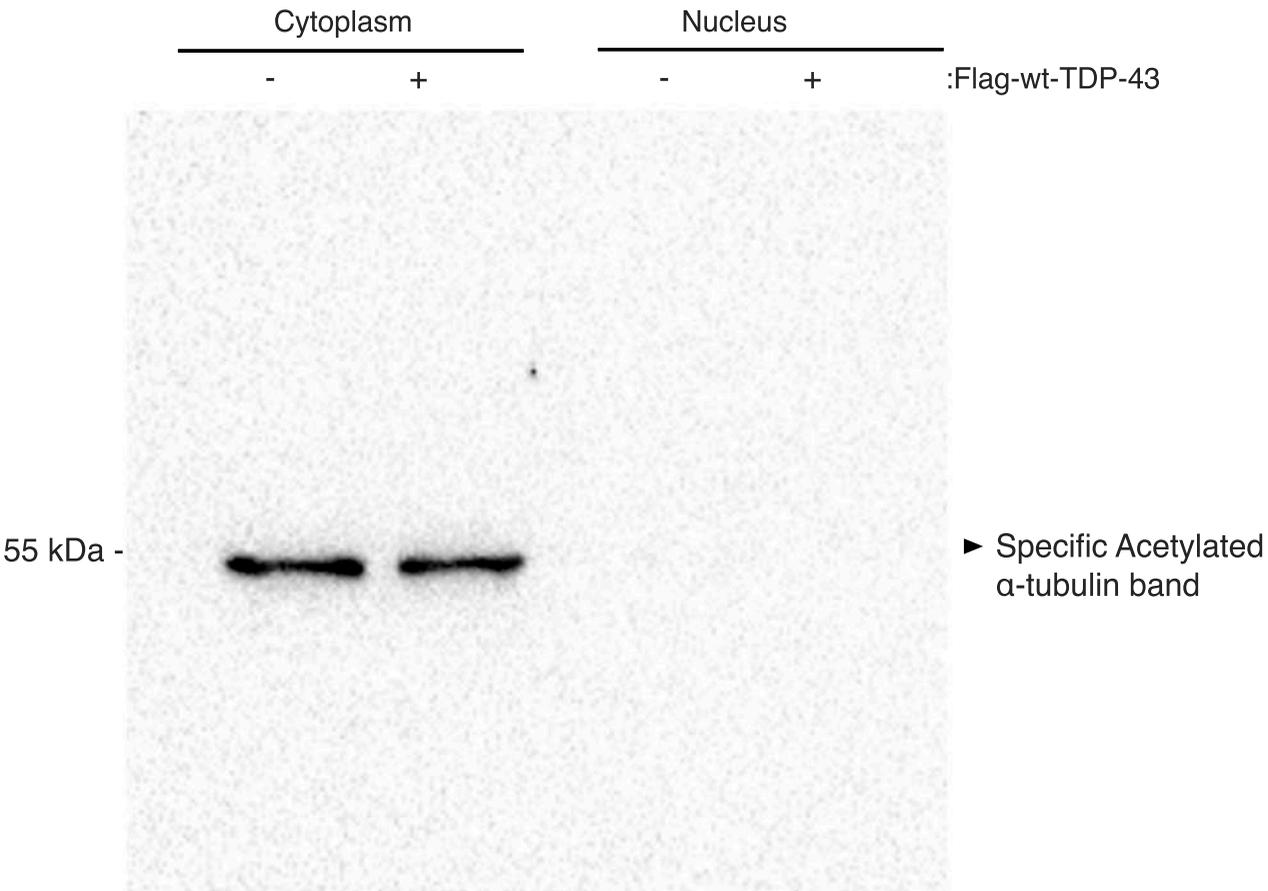


Figure S2. Replicate 1 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

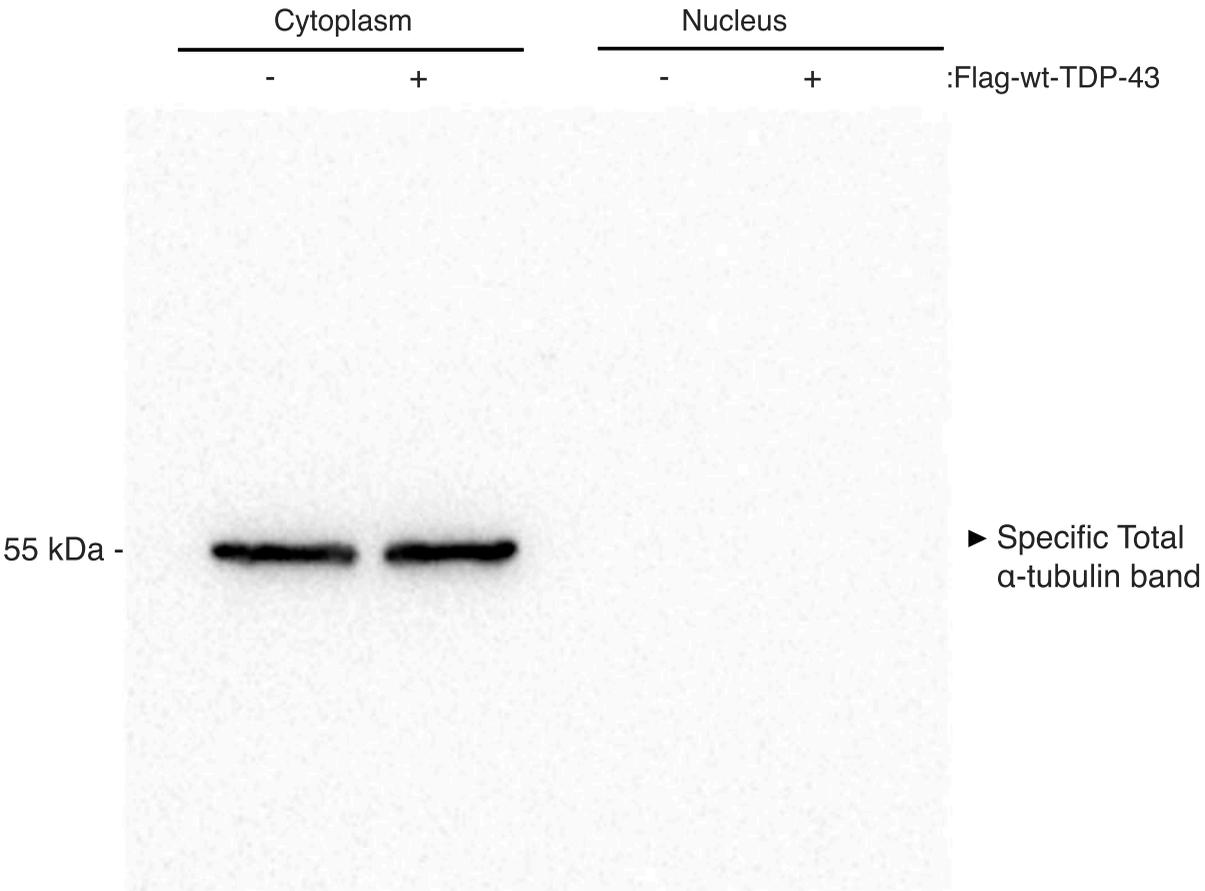


Figure S2. Replicate 2 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

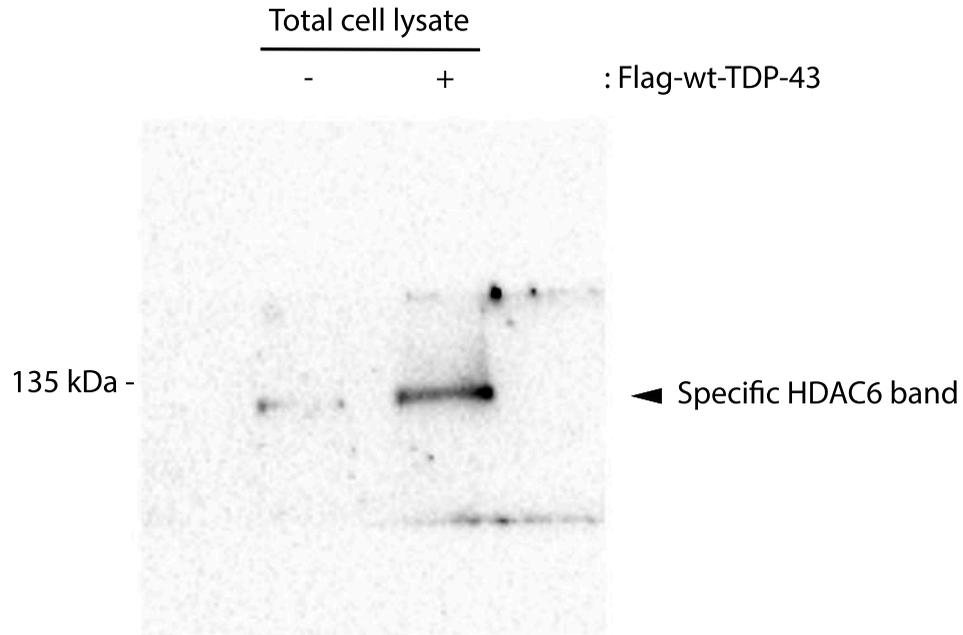


Figure S2. Replicate 2 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

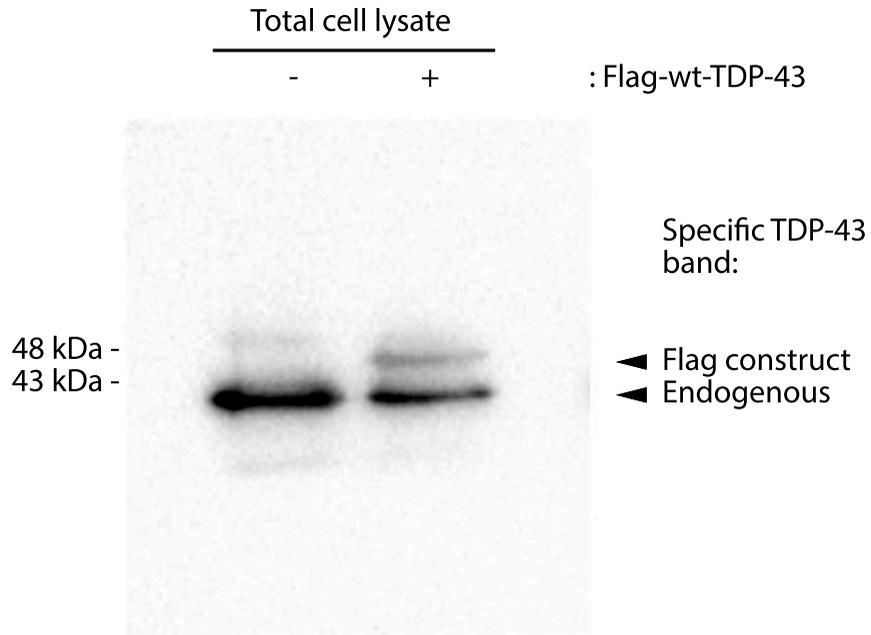


Figure S2. Replicate 2 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

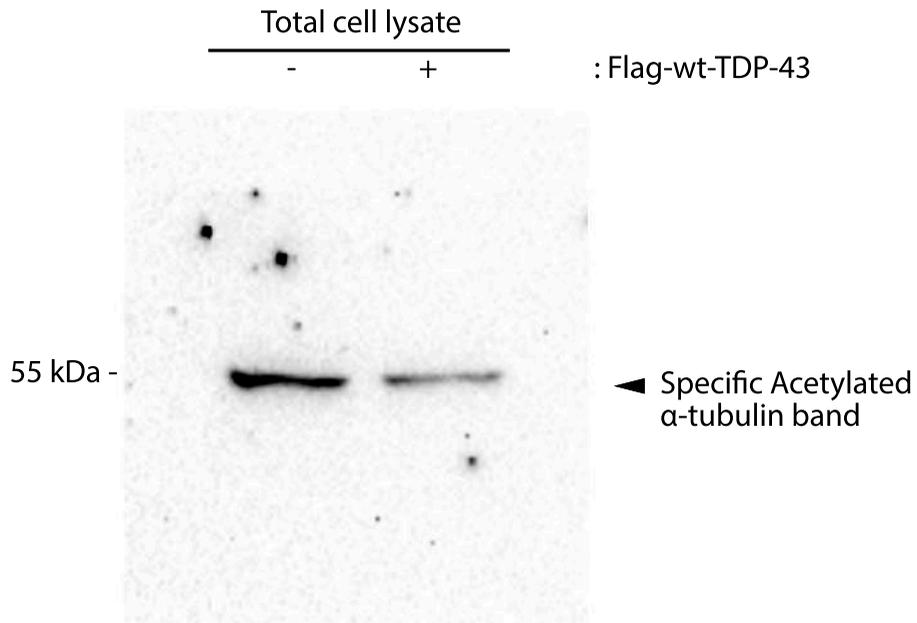


Figure S2. Replicate 2 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

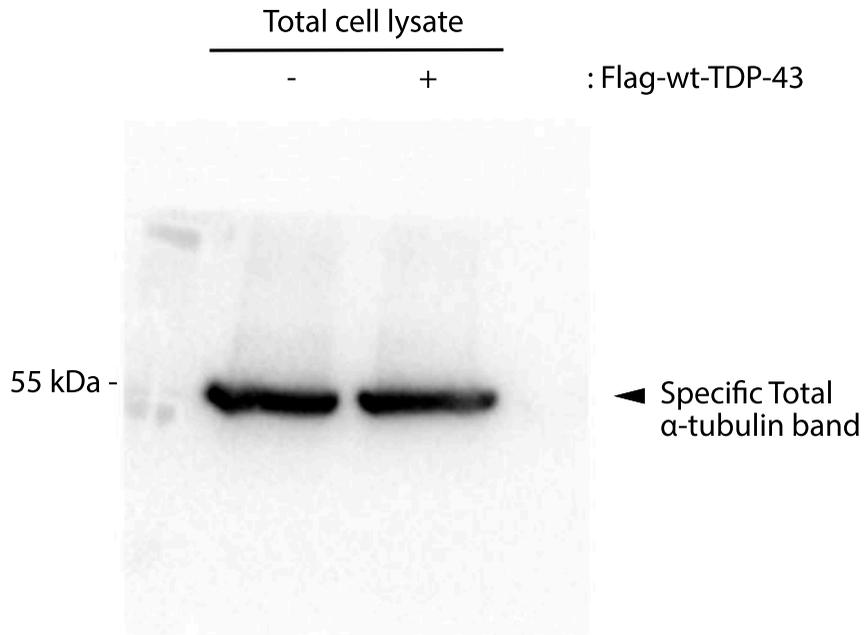


Figure S2. Replicate 2 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

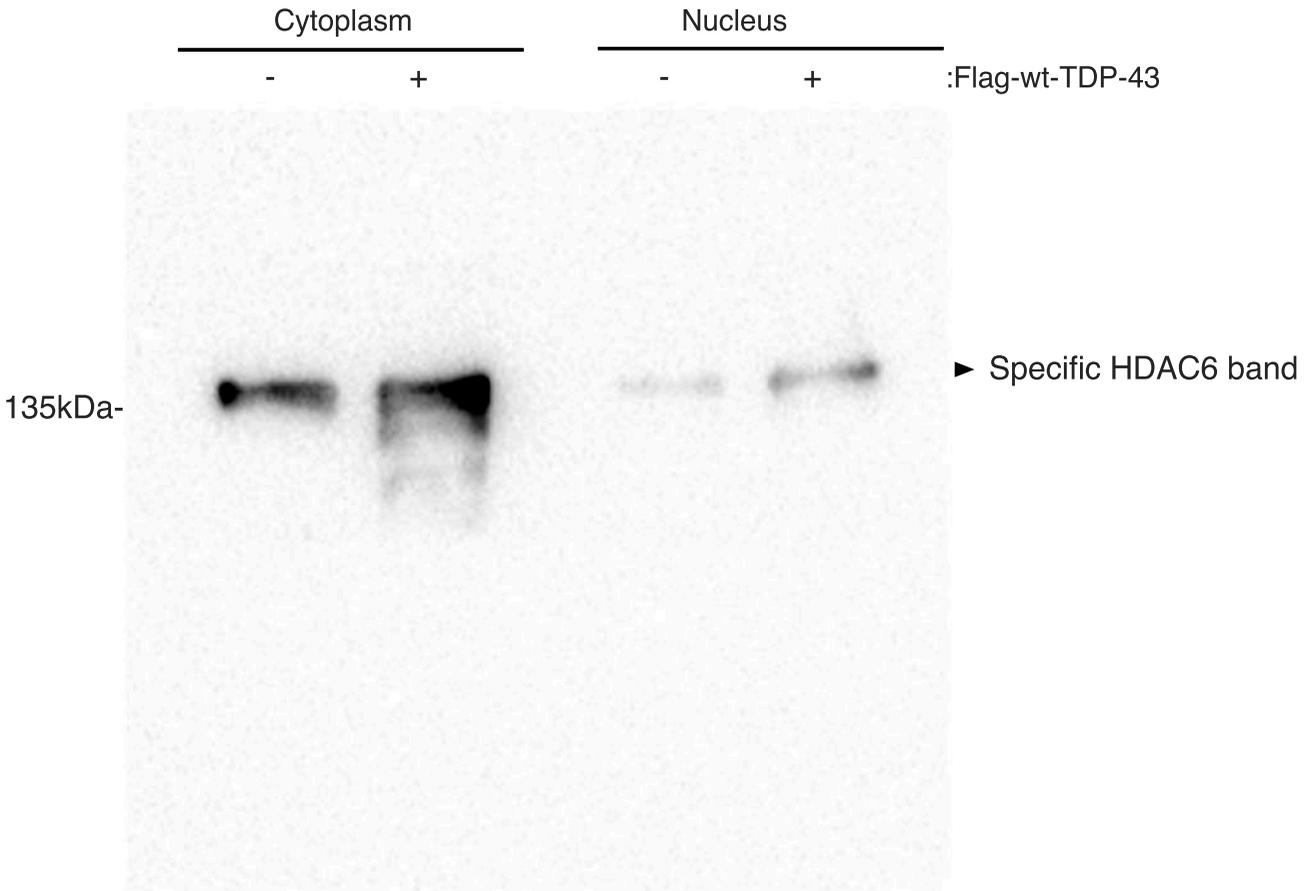


Figure S2. Replicate 2 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

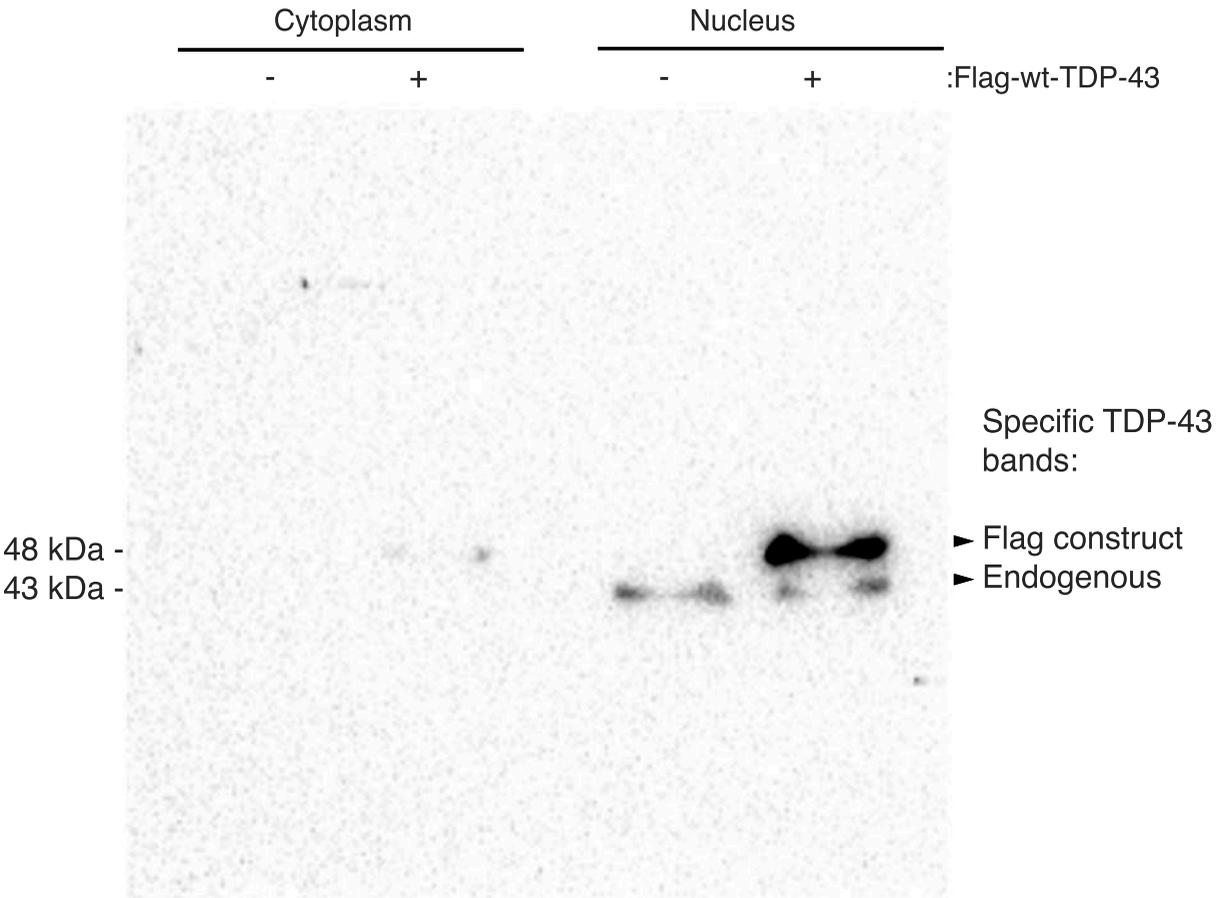


Figure S2. Replicate 2 Lamin B complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

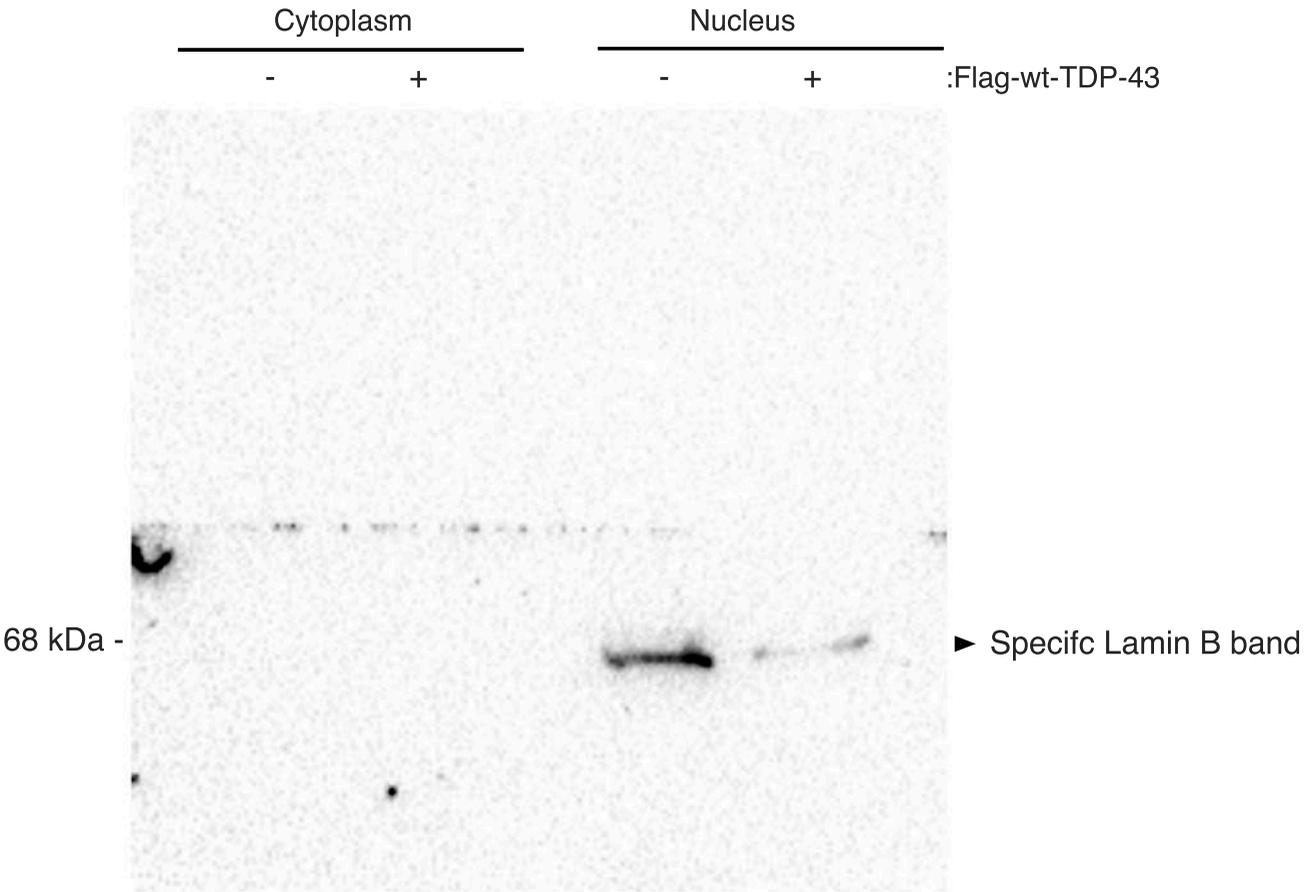


Figure S2. Replicate 2 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

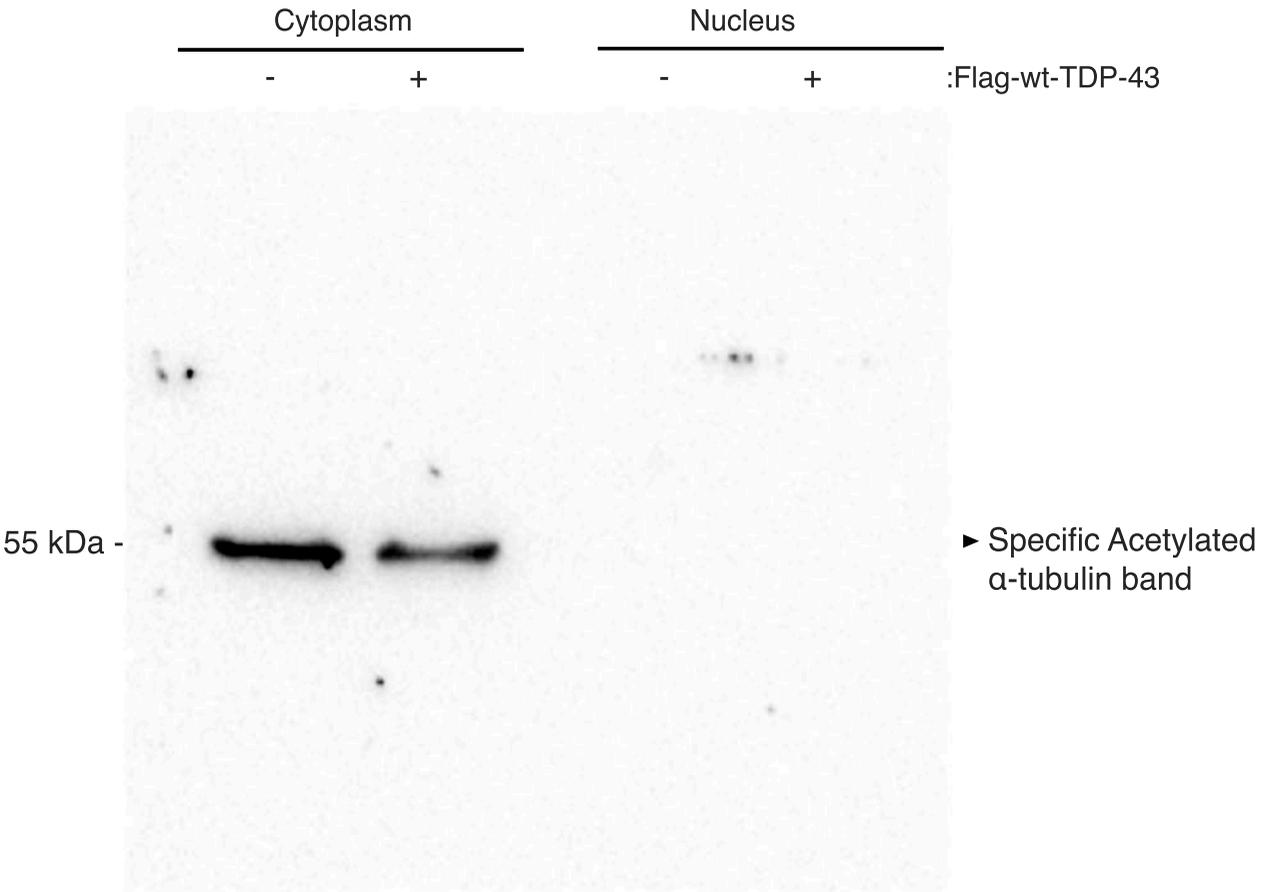


Figure S2. Replicate 2 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

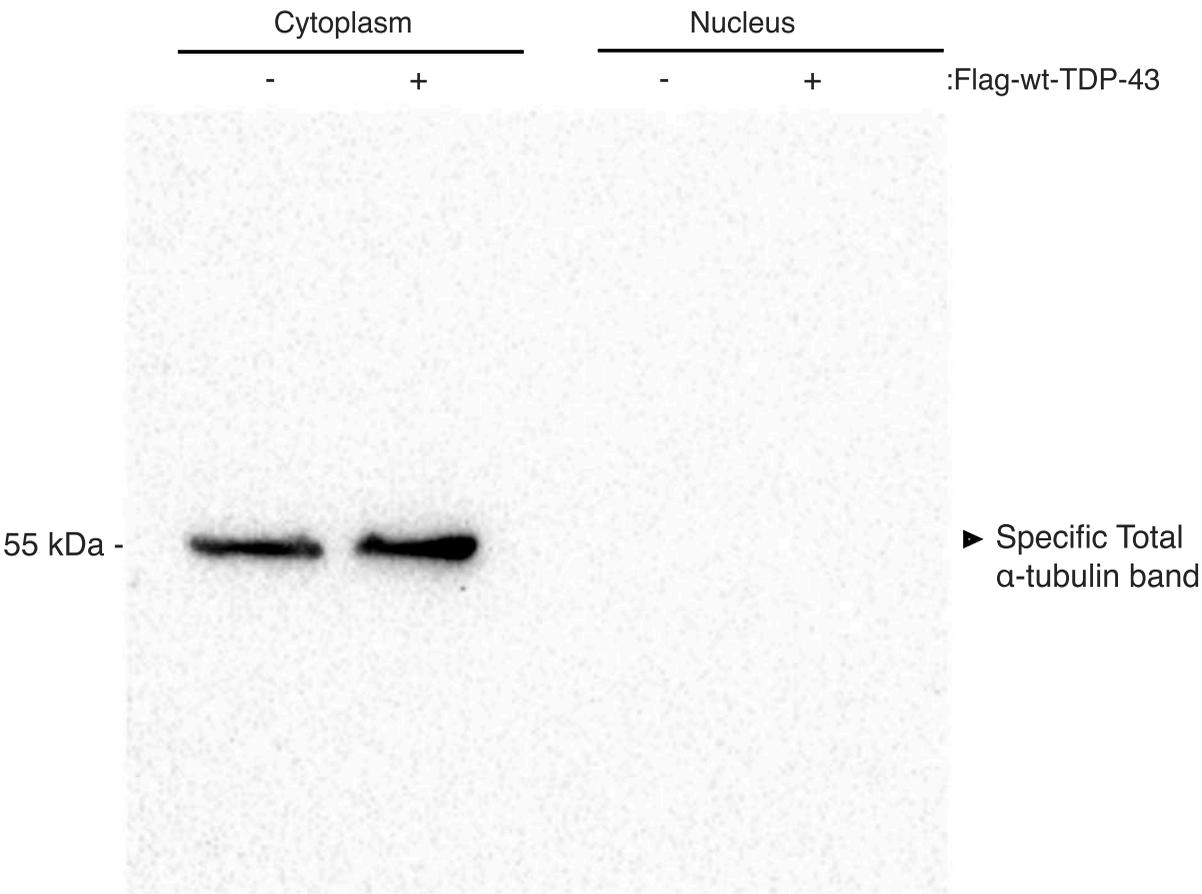


Figure S2. Replicate 3 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

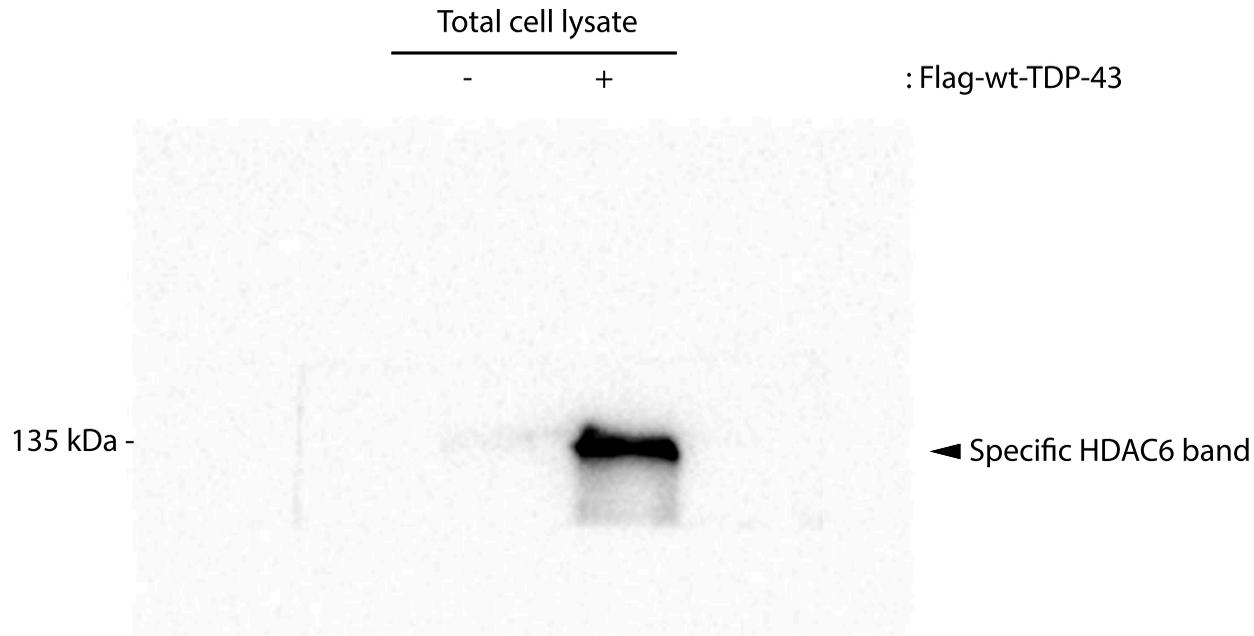


Figure S2. Replicate 3 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

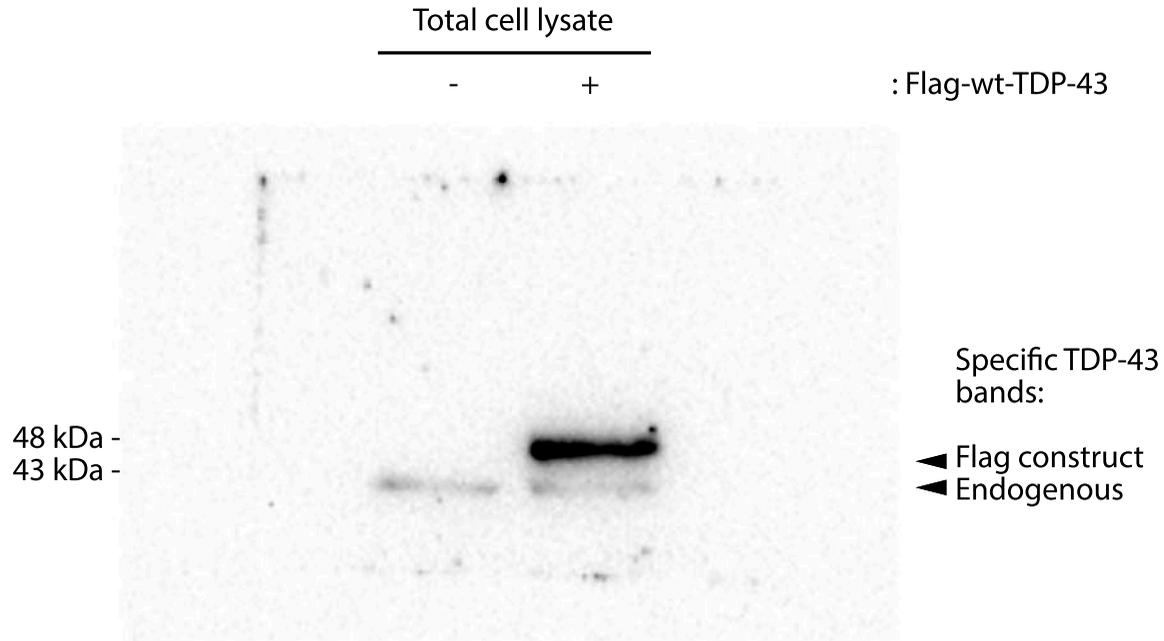


Figure S2. Replicate 3 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

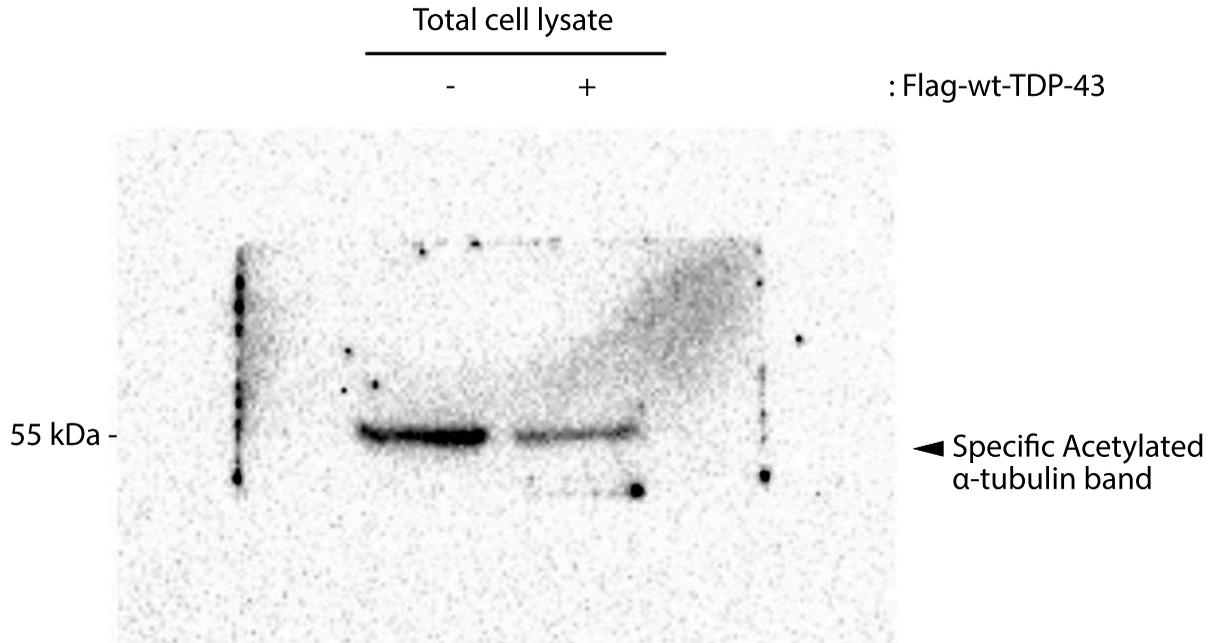


Figure S2. Replicate 3 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

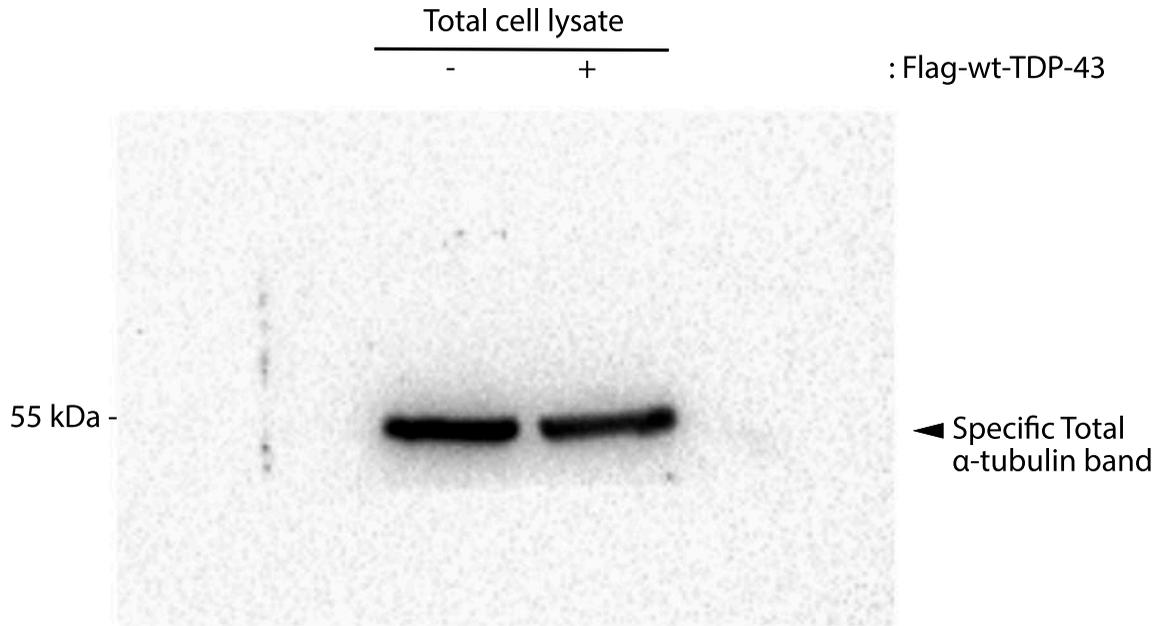


Figure S2. Replicate 3 HDAC6 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

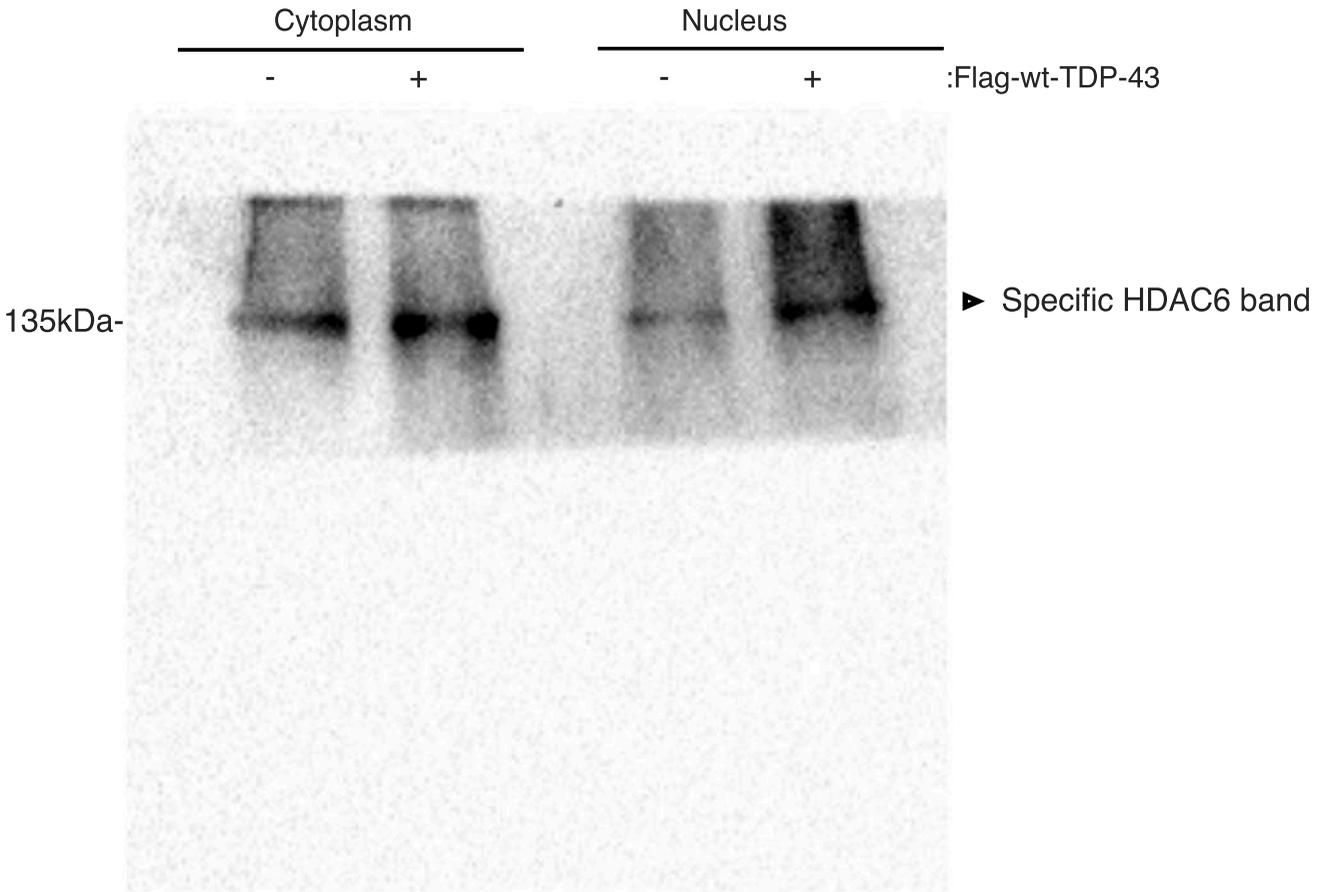


Figure S2. Replicate 3 TDP-43 complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

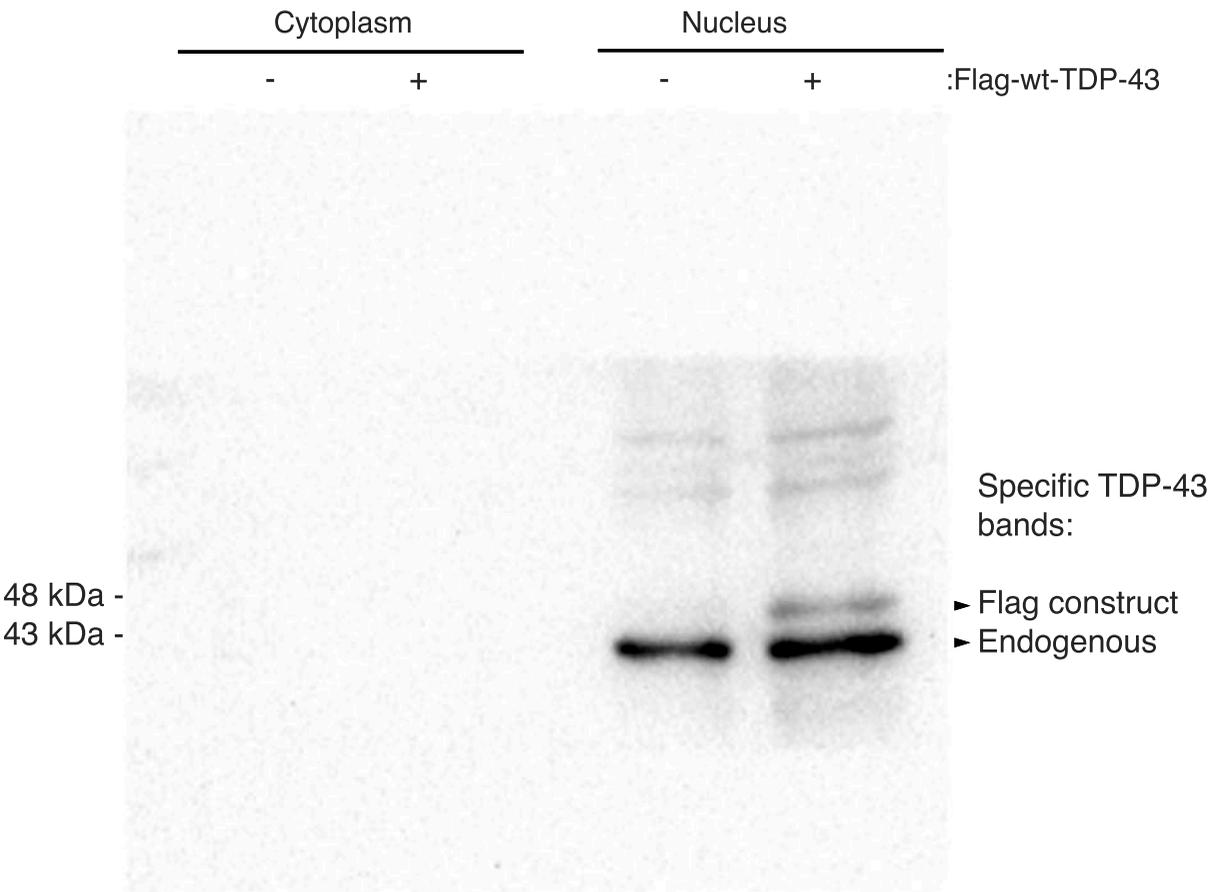


Figure S2. Replicate 3 Lamin B complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

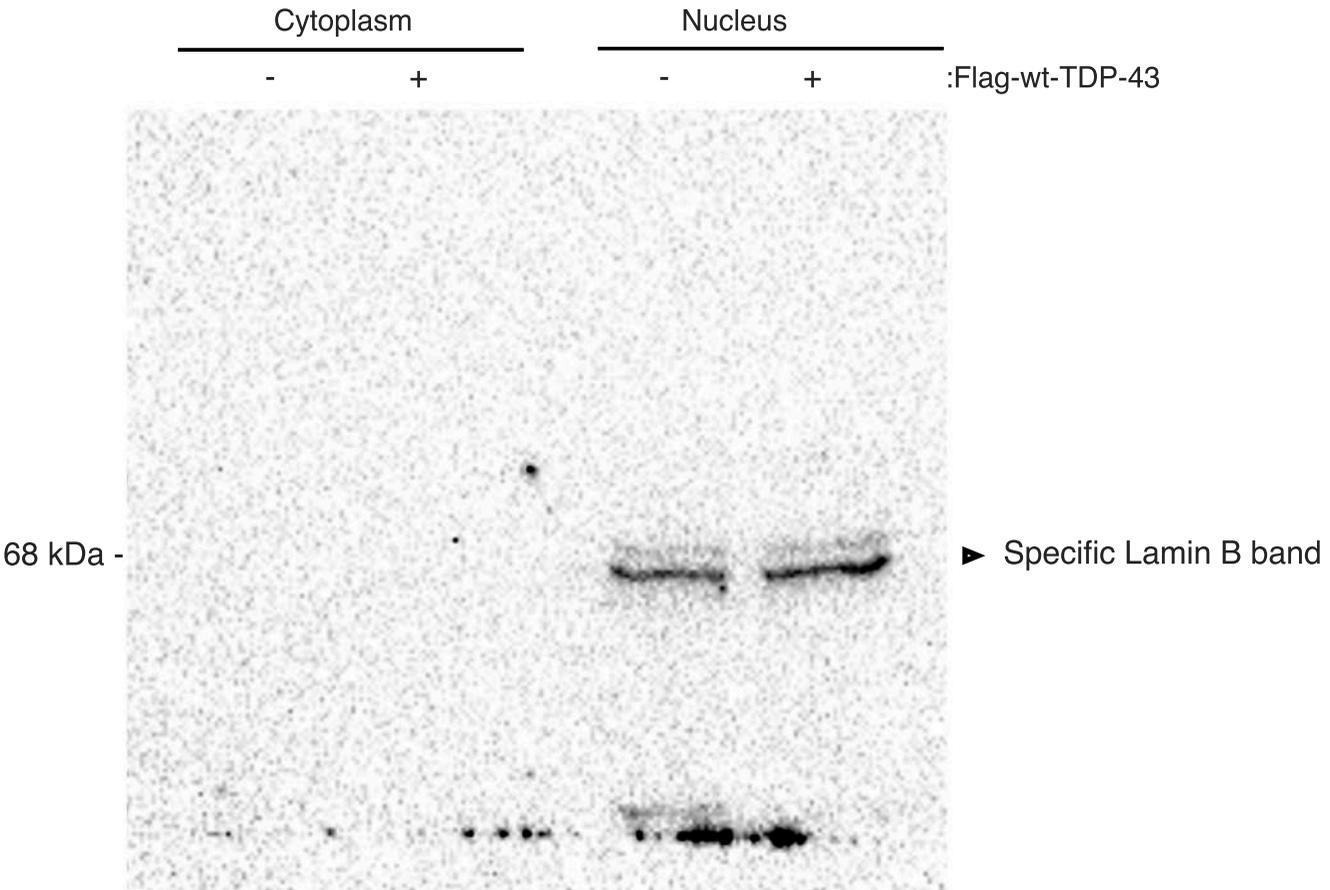


Figure S2. Replicate 3 Acetylated α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*

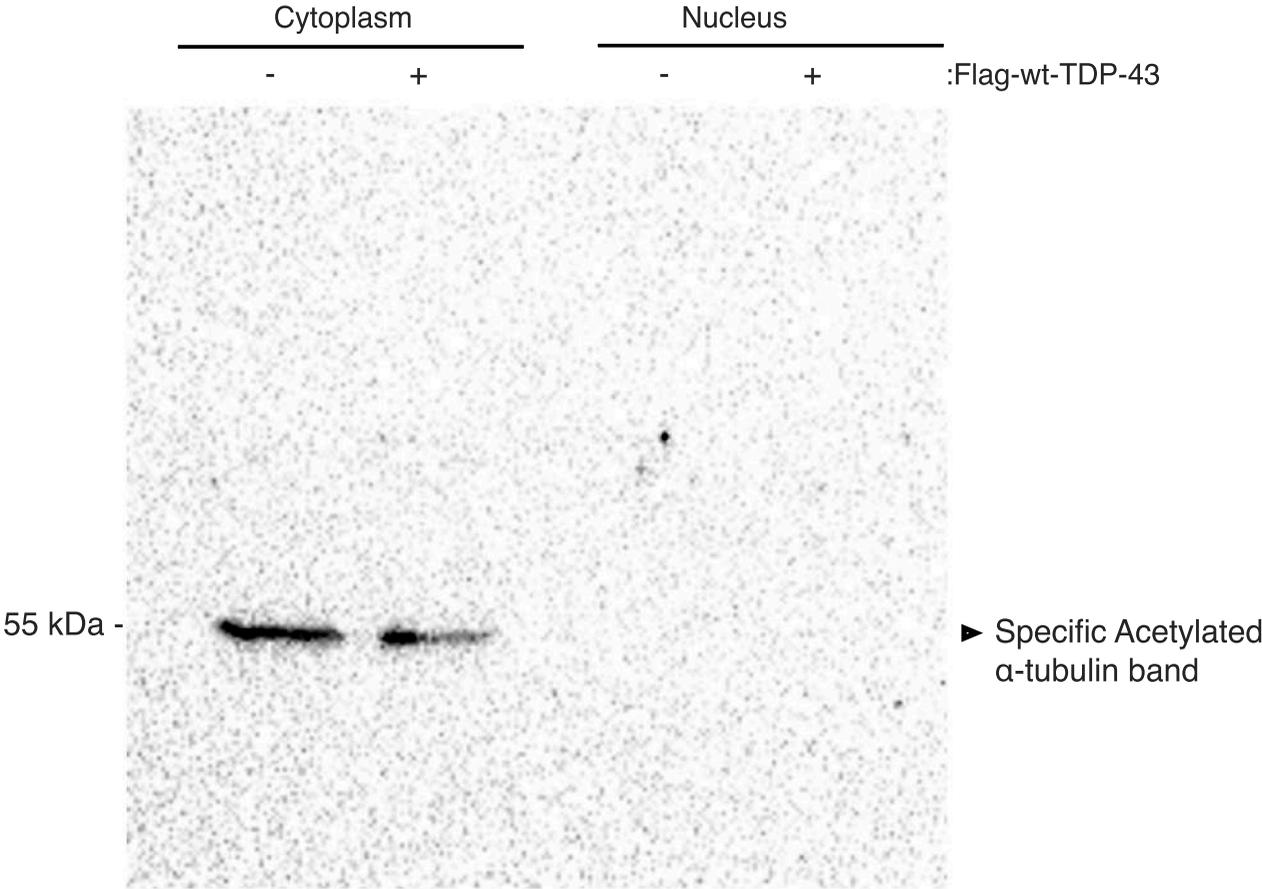
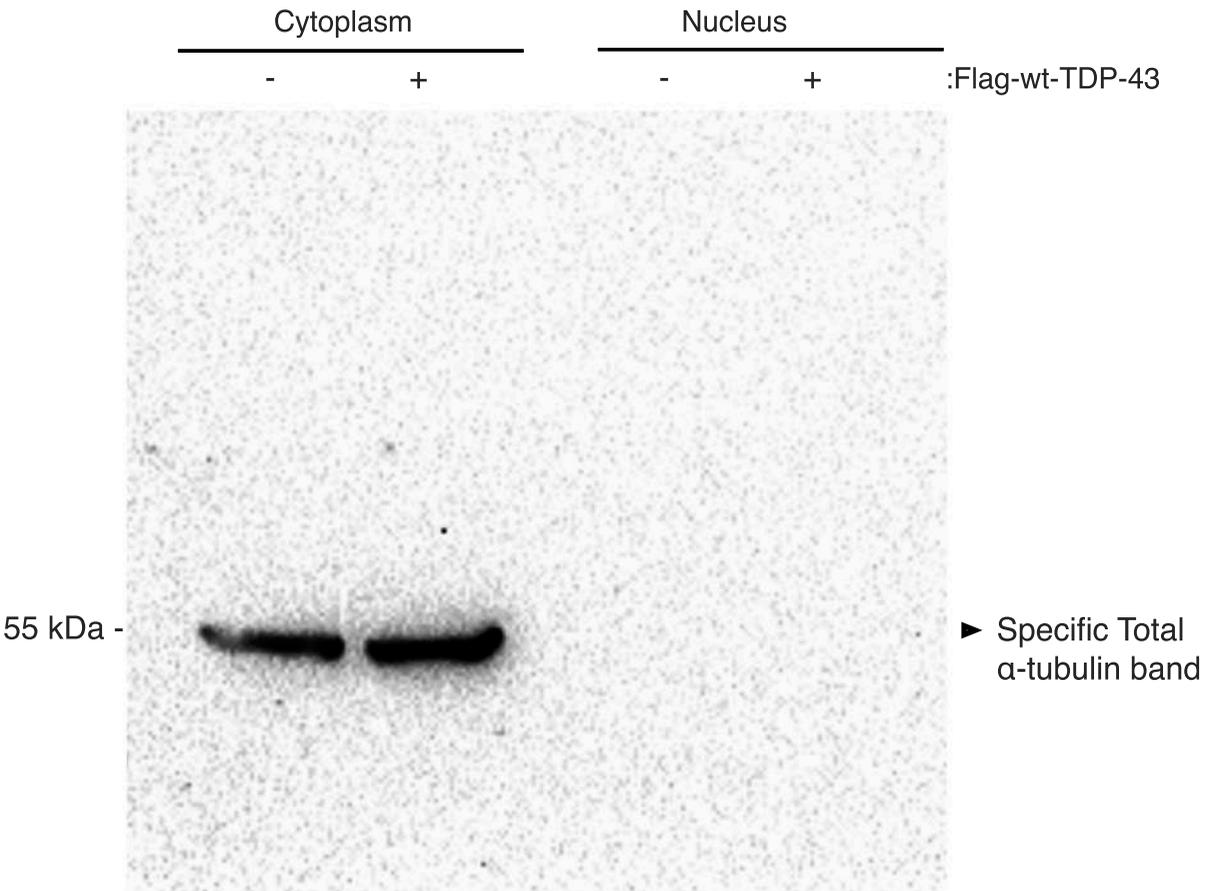
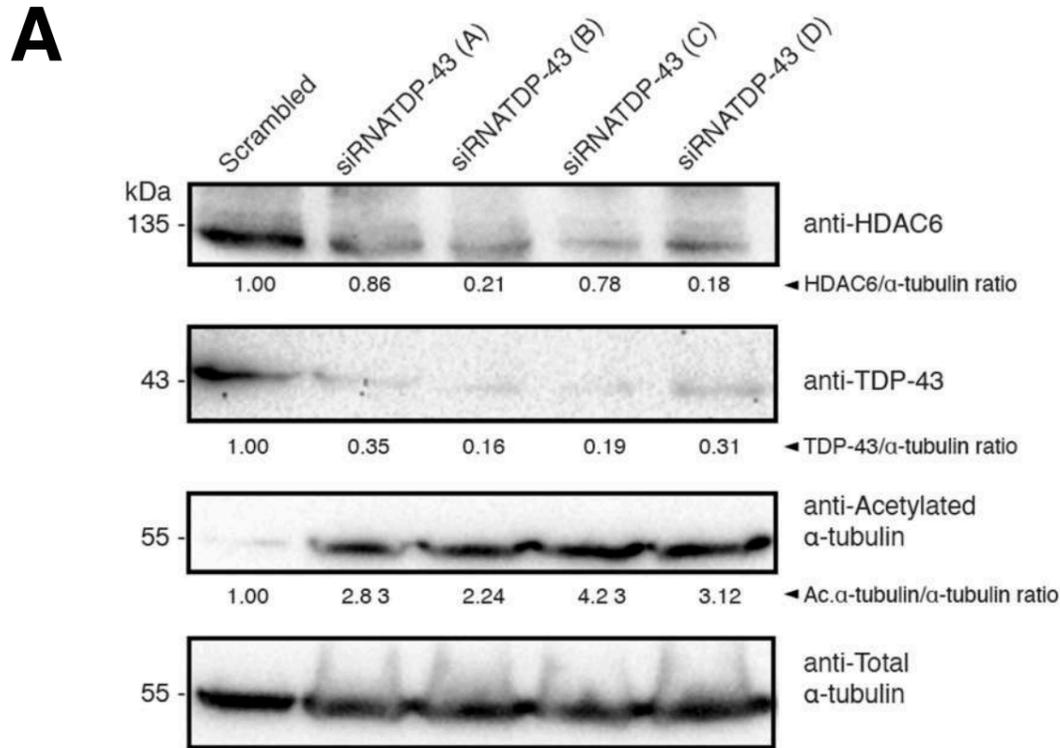


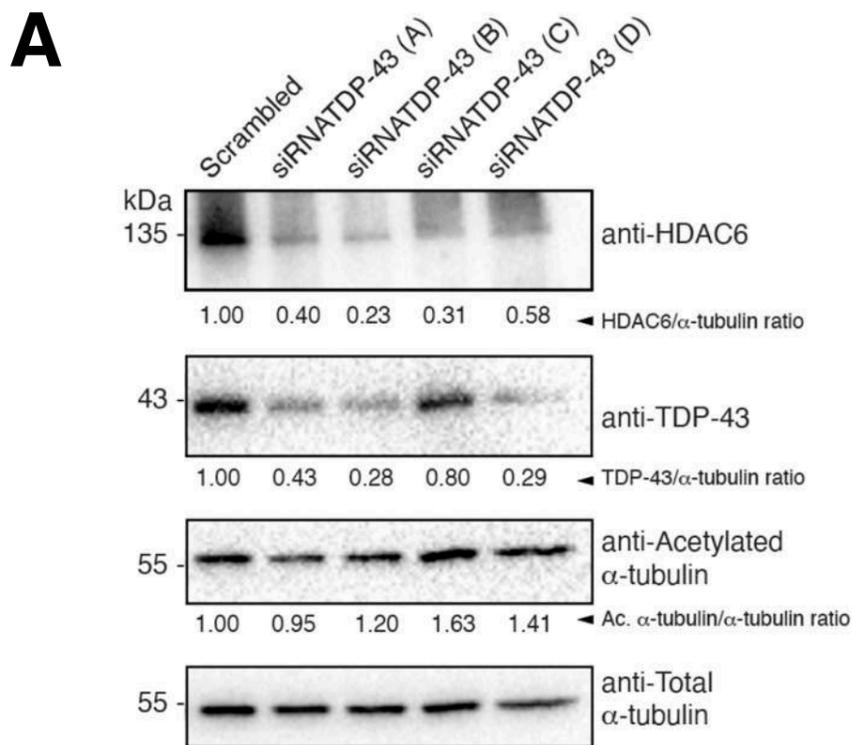
Figure S2. Replicate 3 Total α -tubulin complete gel Western-blot associated with Figure 3A
Cabrera-Rodríguez, R., *et al.*



Replicate 1 as figure format



Replicate 2 as figure format



Replicate 3 as figure format

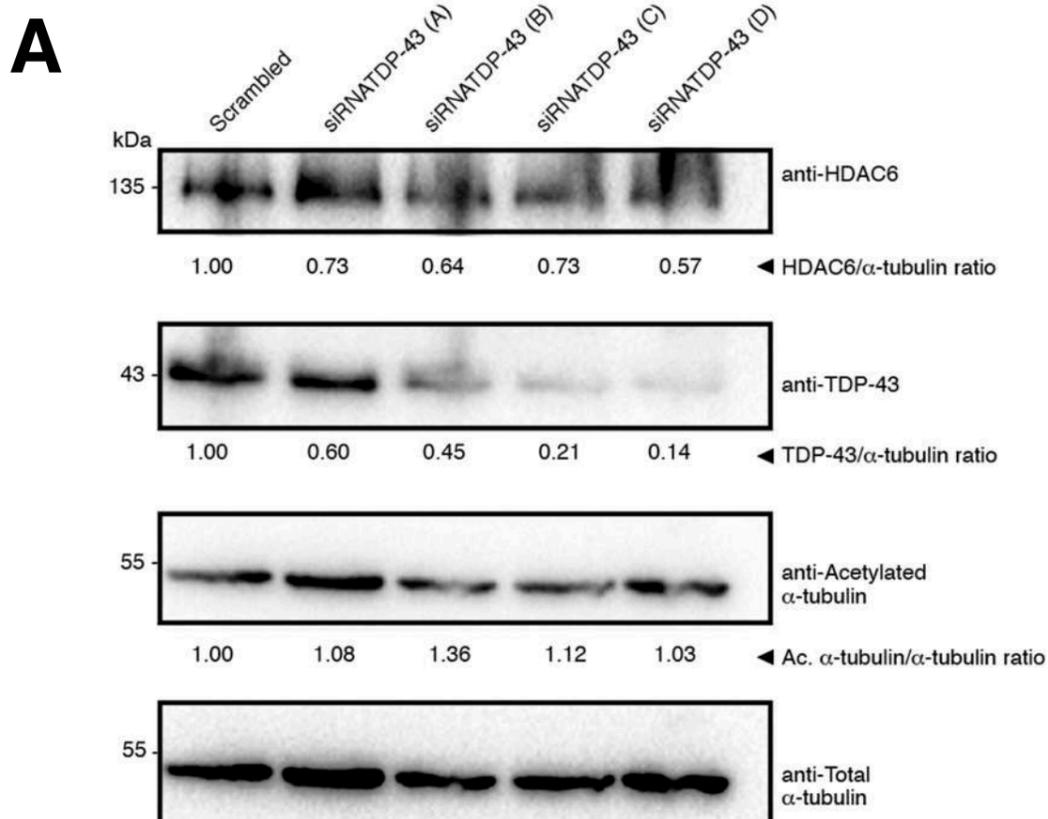


Figure S3. Replicate 1 HDAC6 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

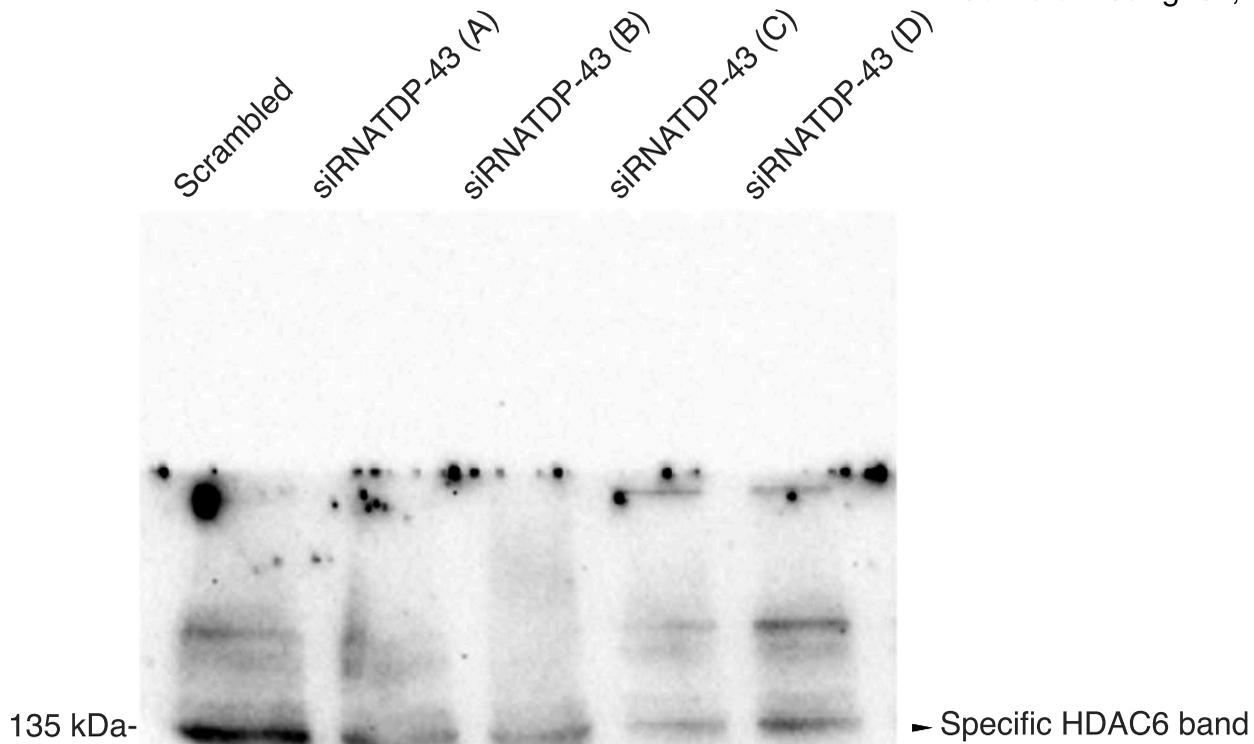


Figure S3. Replicate 1 TDP-43 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

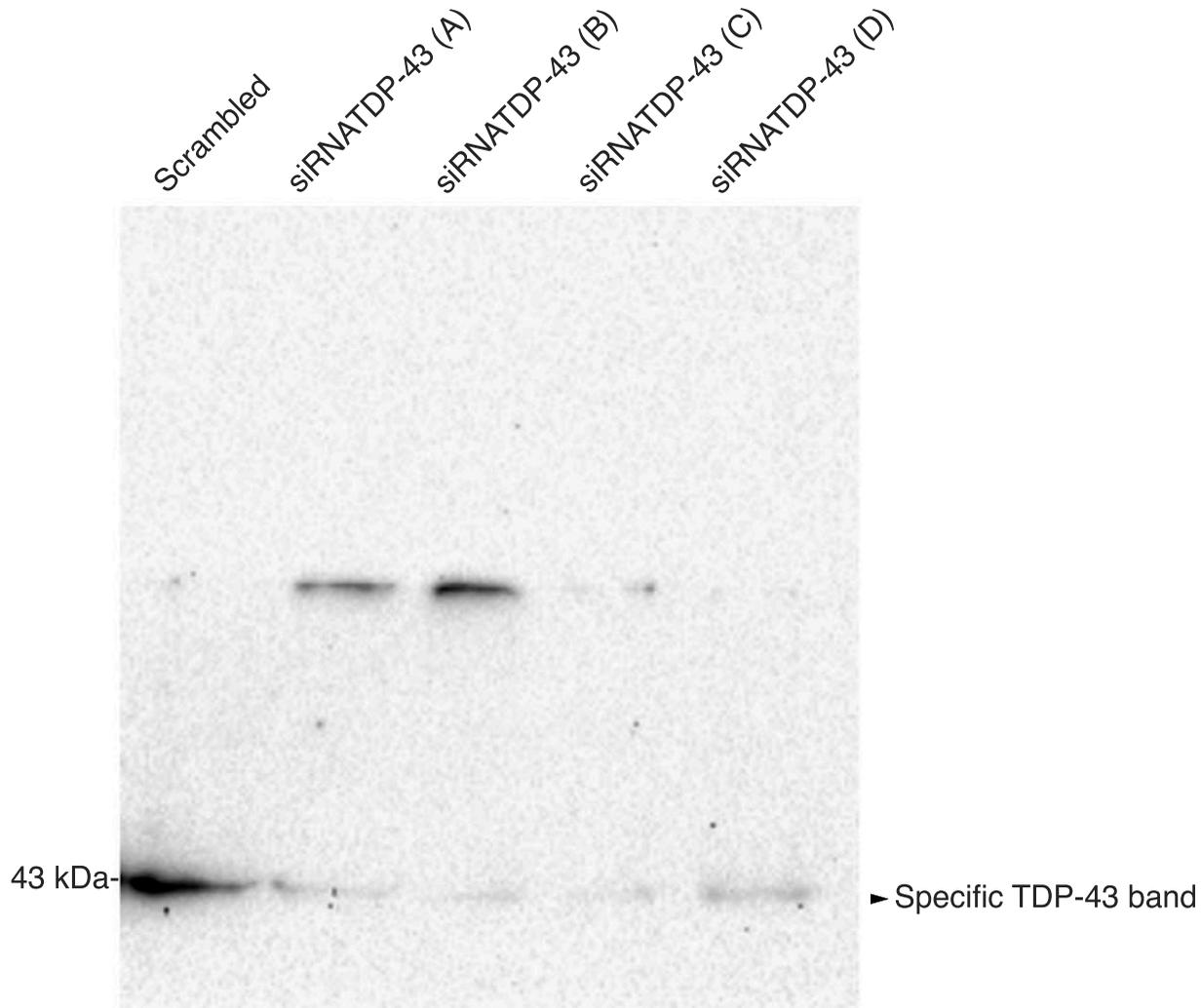


Figure S3. Replicate 1 Acetylated α -tubulin complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

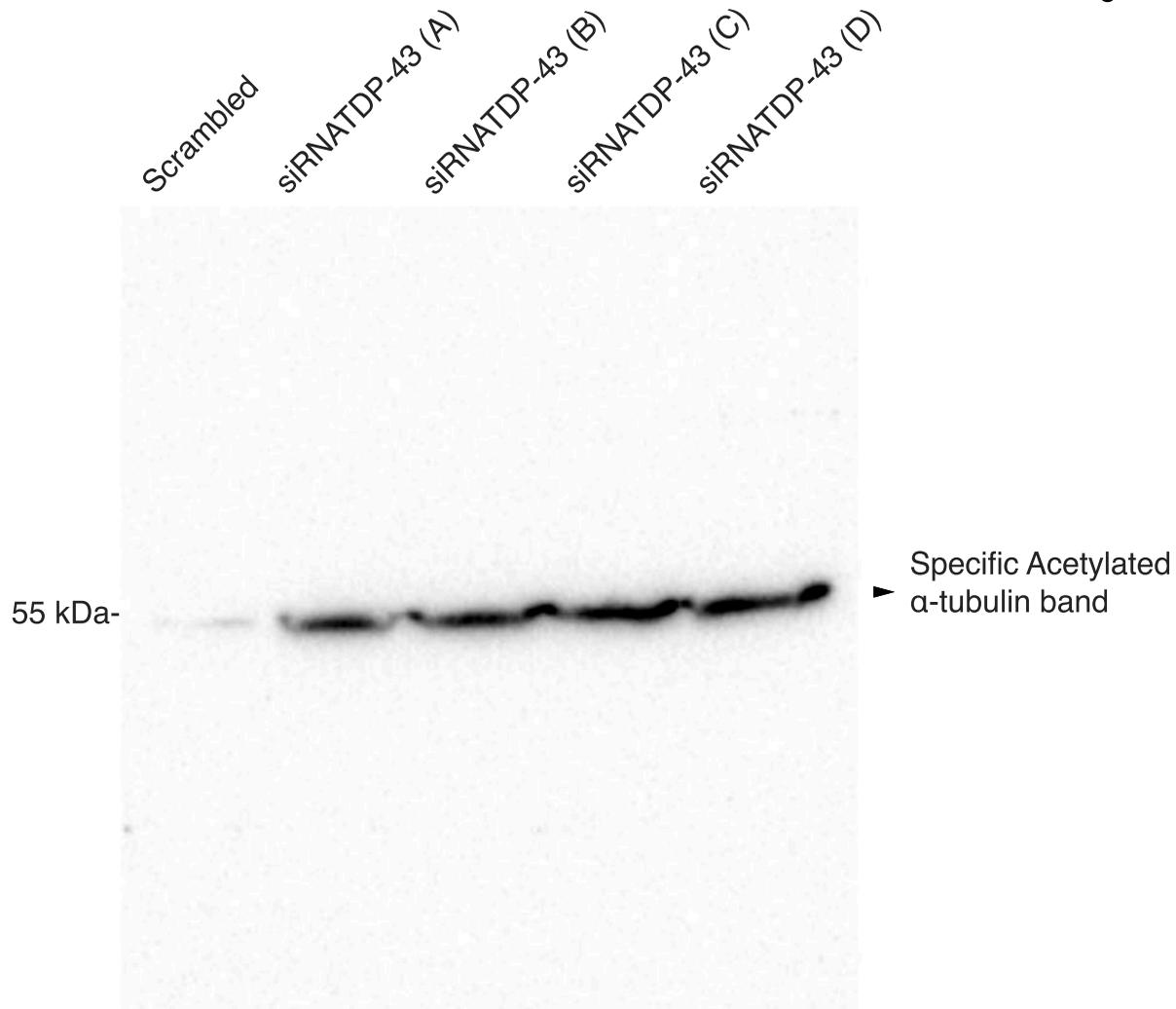


Figure S3. Replicate 1 Total α -tubulin complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

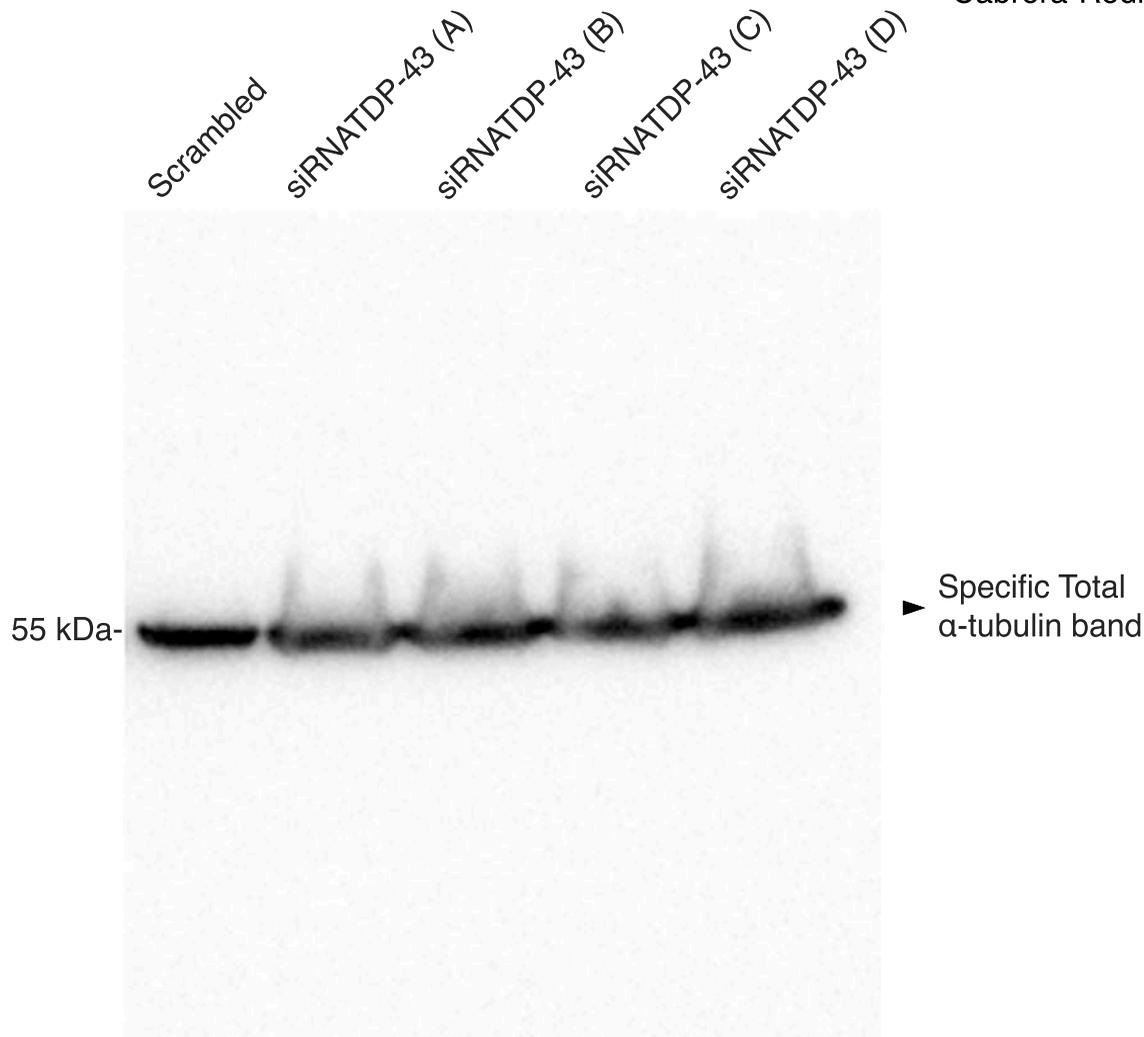


Figure S3. Replicate 2 HDAC6 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

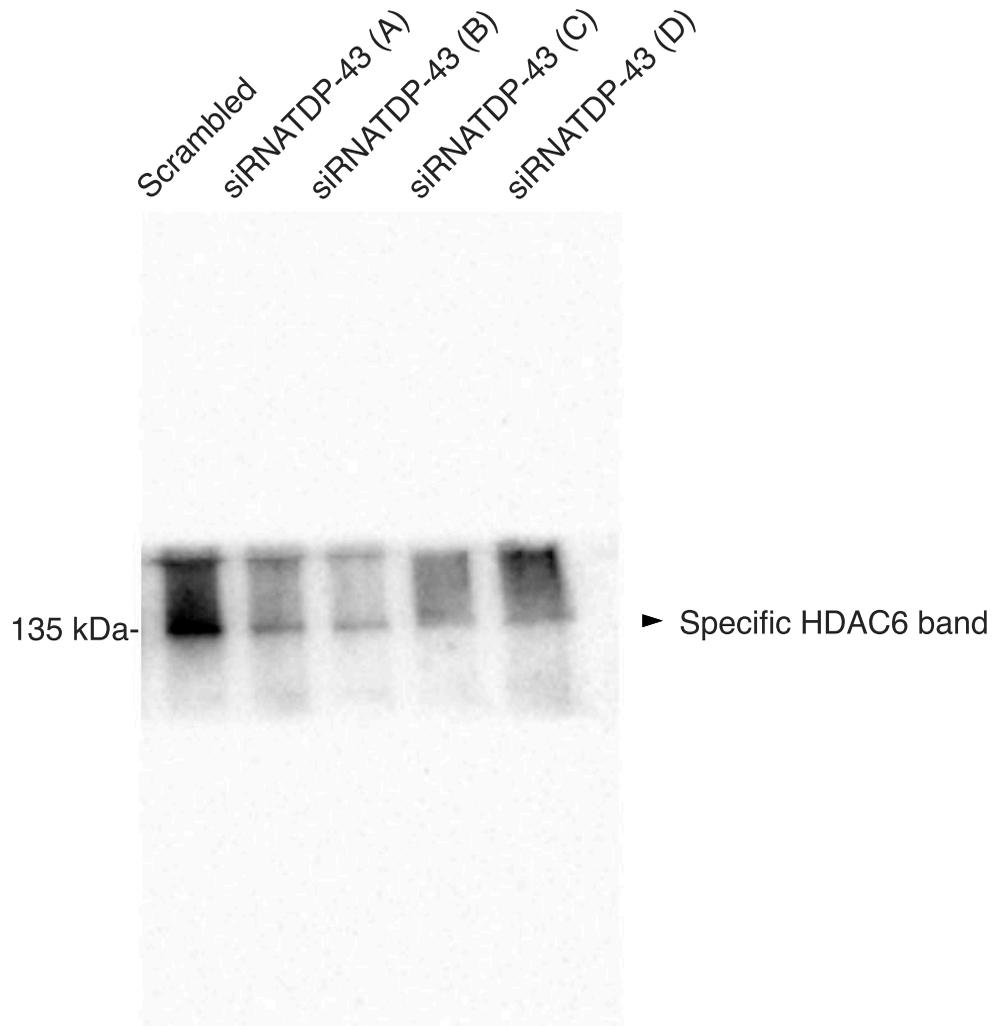


Figure S3. Replicate 2 TDP-43 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

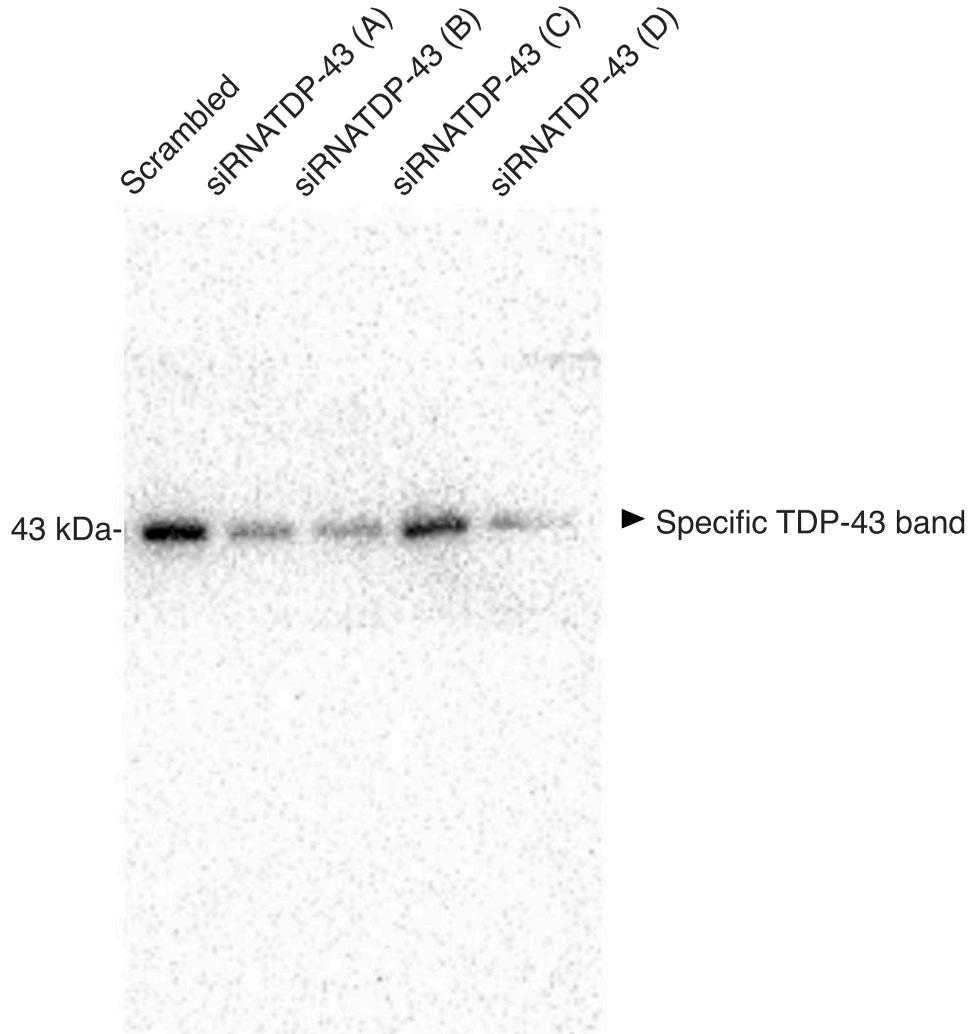


Figure S3. Replicate 2 Acetylated α -tubulin complete gel

Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

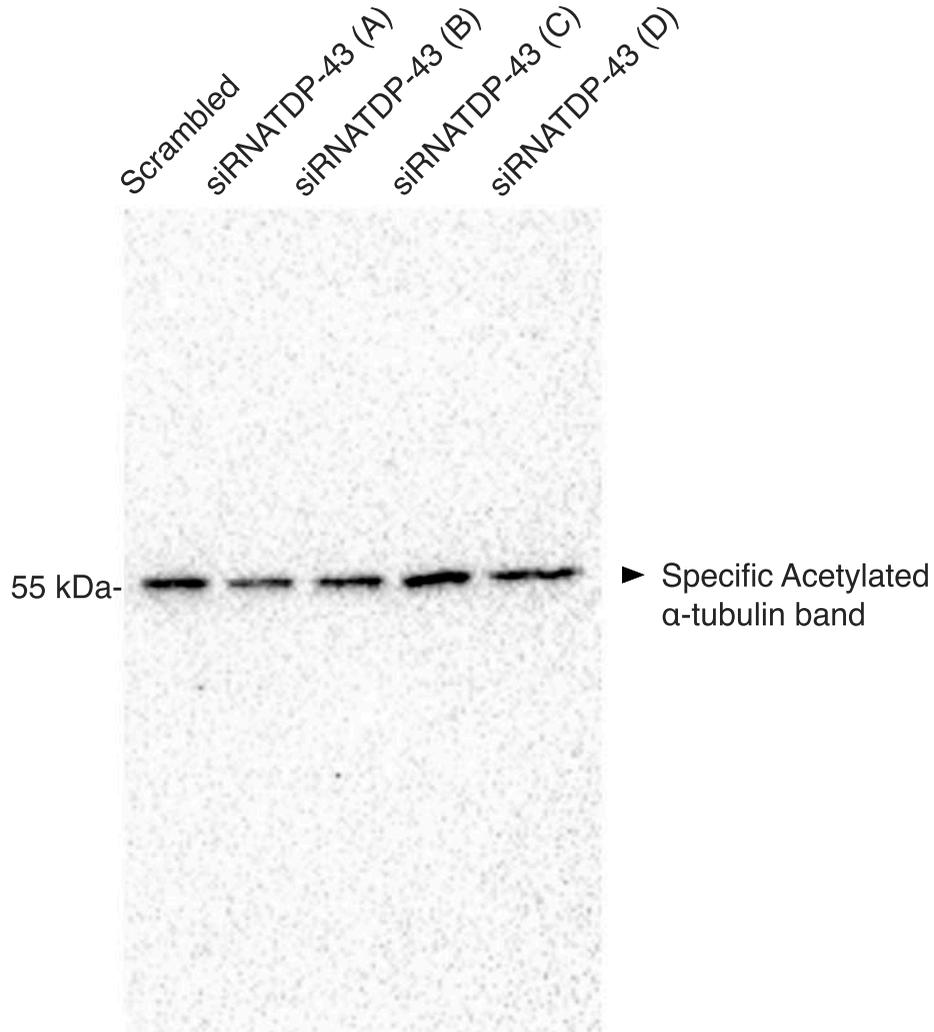


Figure S3. Replicate 2 Total α -tubulin complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

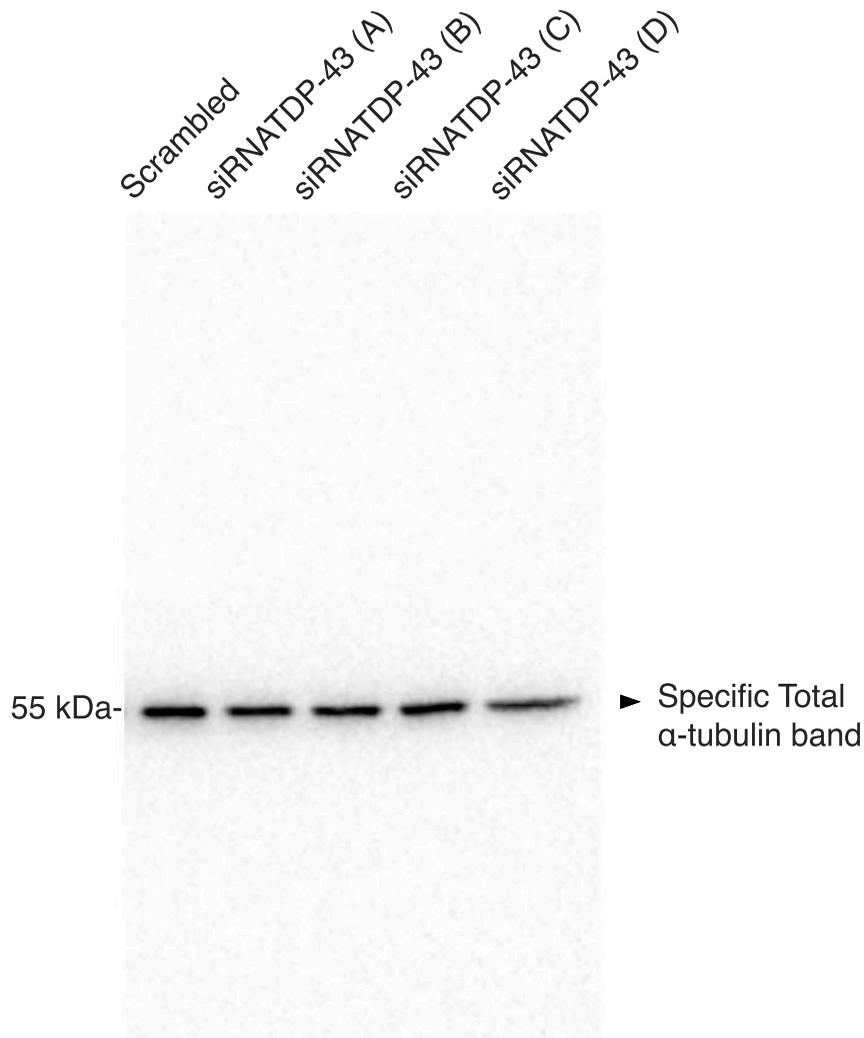


Figure S3. Replicate 3 HDAC6 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

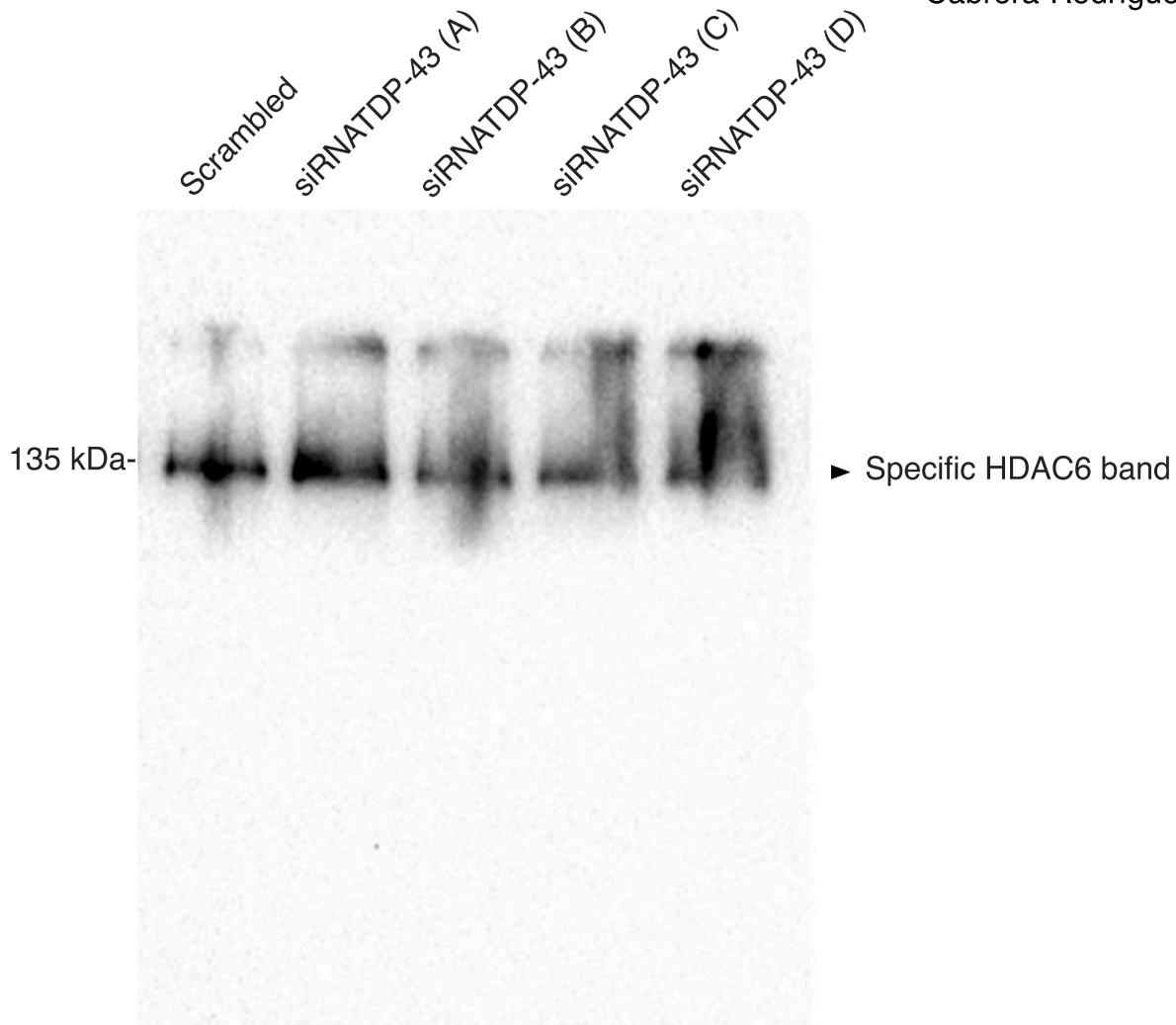


Figure S3. Replicate 3 TDP-43 complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

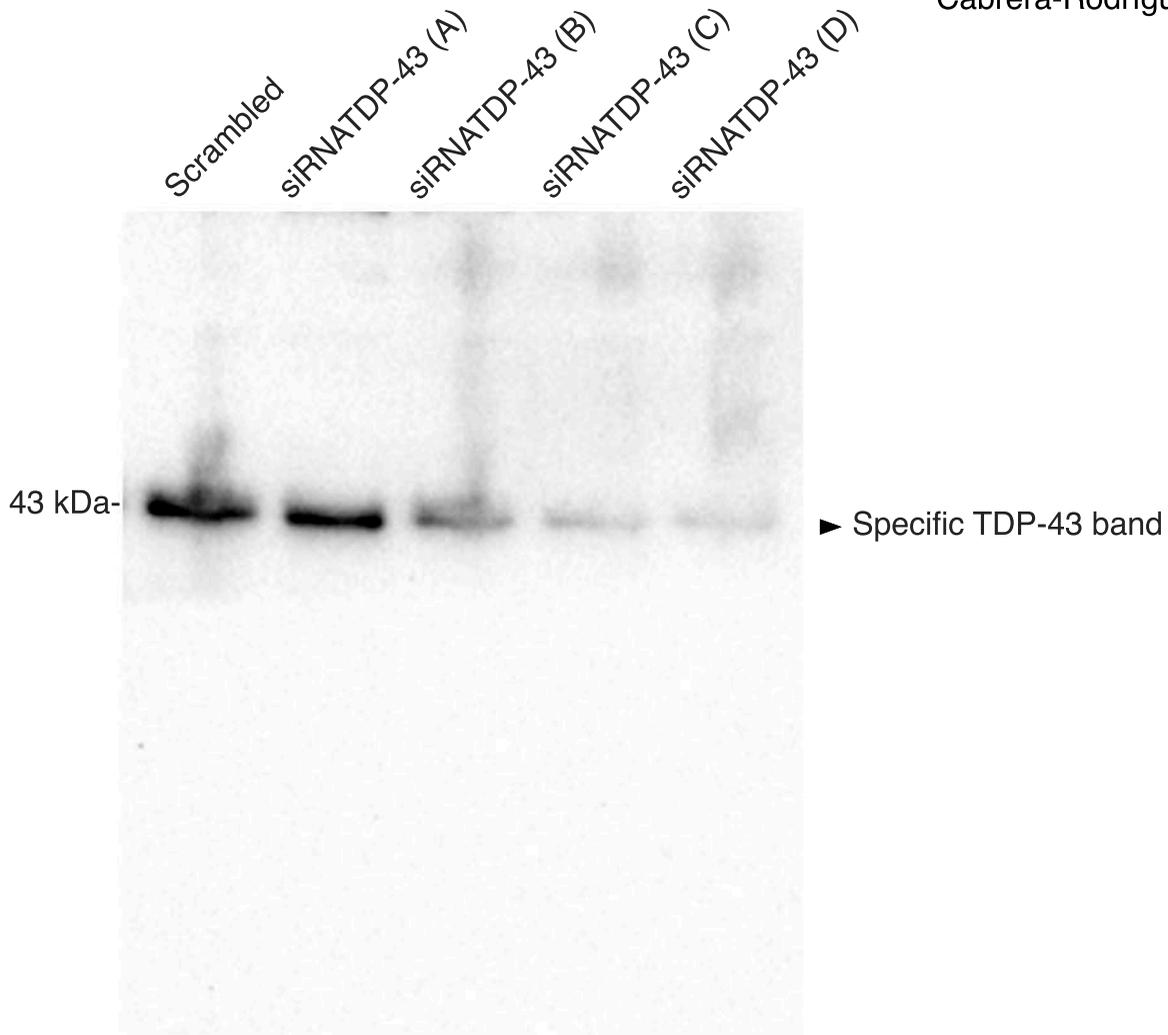


Figure S3. Replicate 3 Acetylated α -tubulin complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*

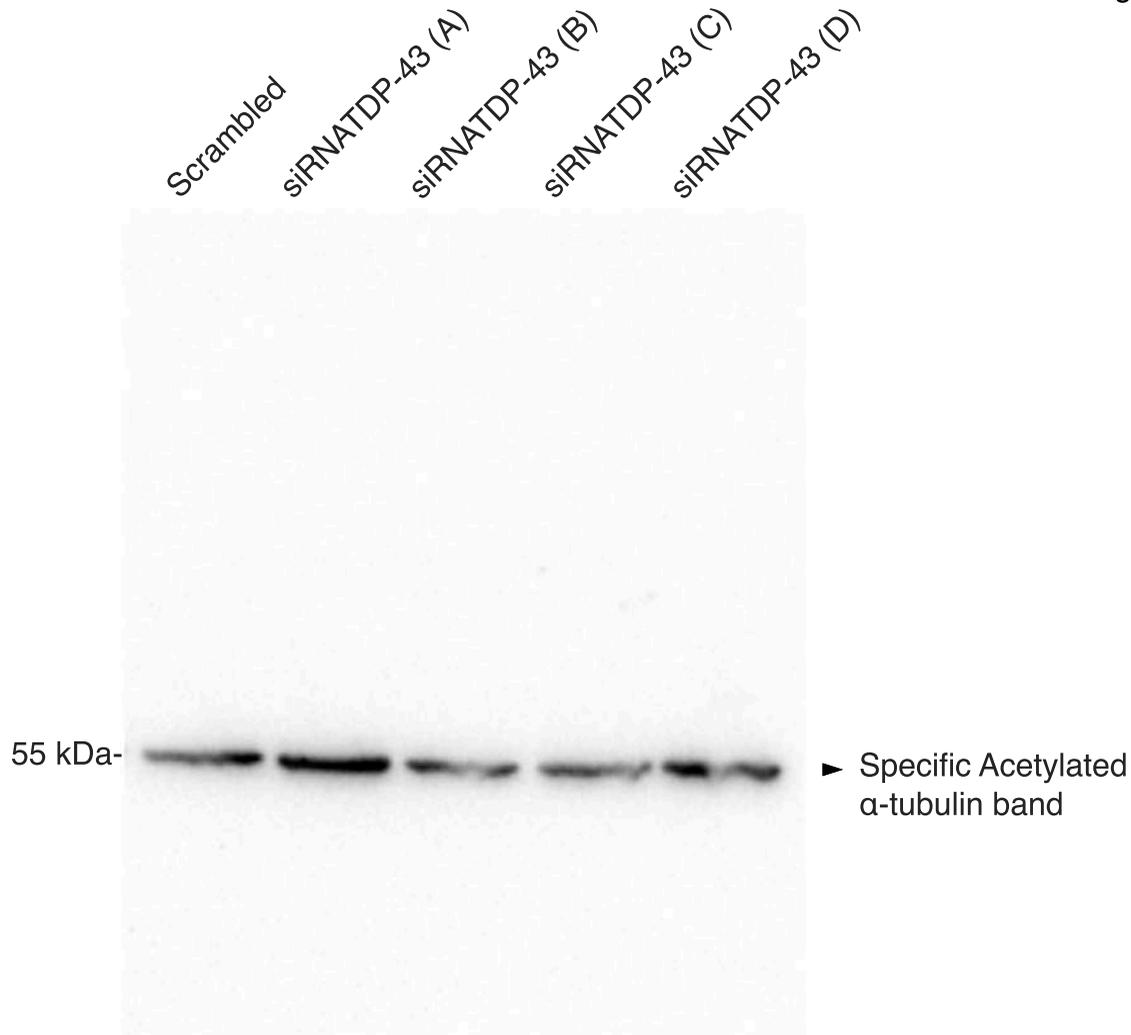
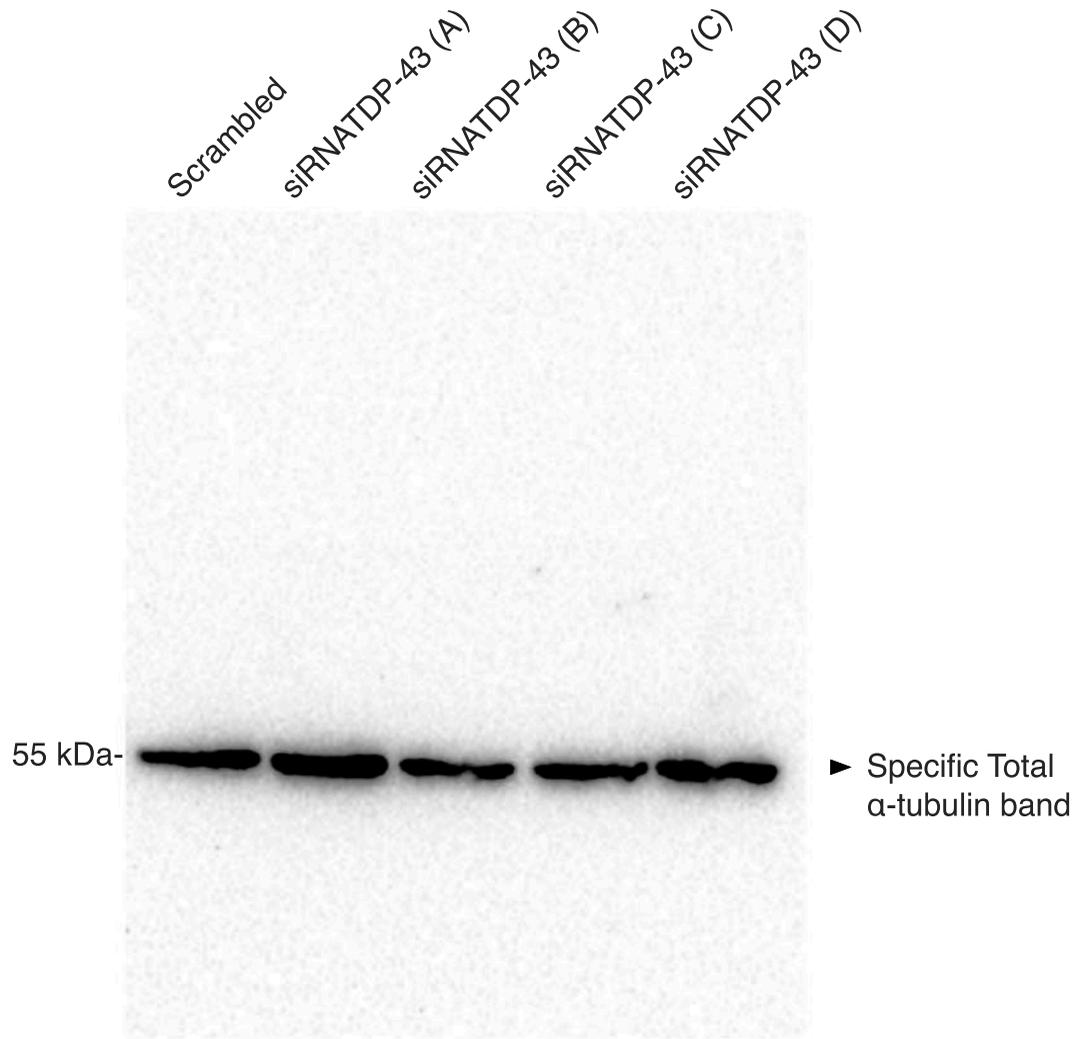
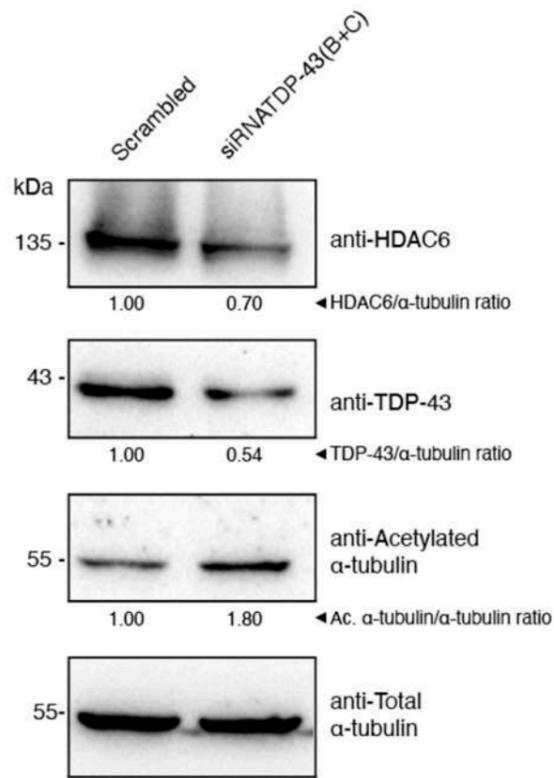


Figure S3. Replicate 3 Total α -tubulin complete gel Western-blot associated with Figure 4A
Cabrera-Rodríguez, R., *et al.*



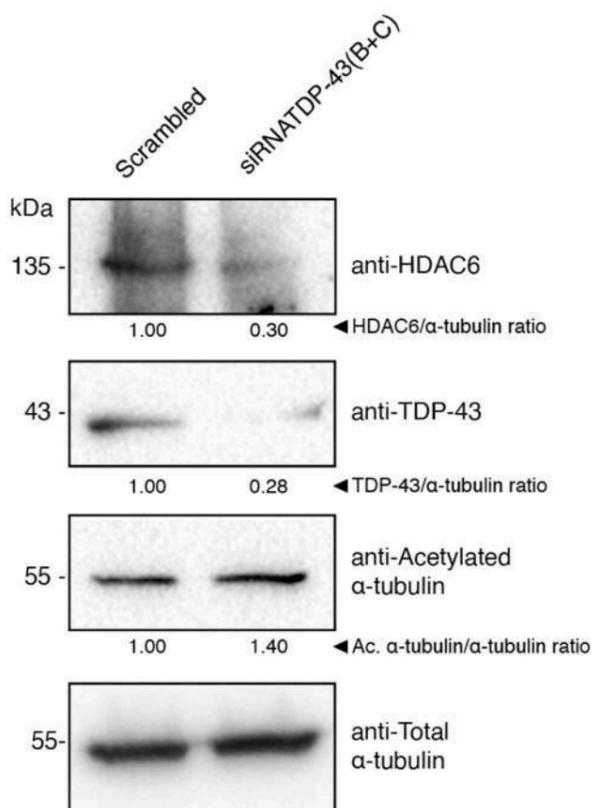
Replicate 1 as figure format

A



Replicate 2 as figure format

A



Replicate 3 as figure format

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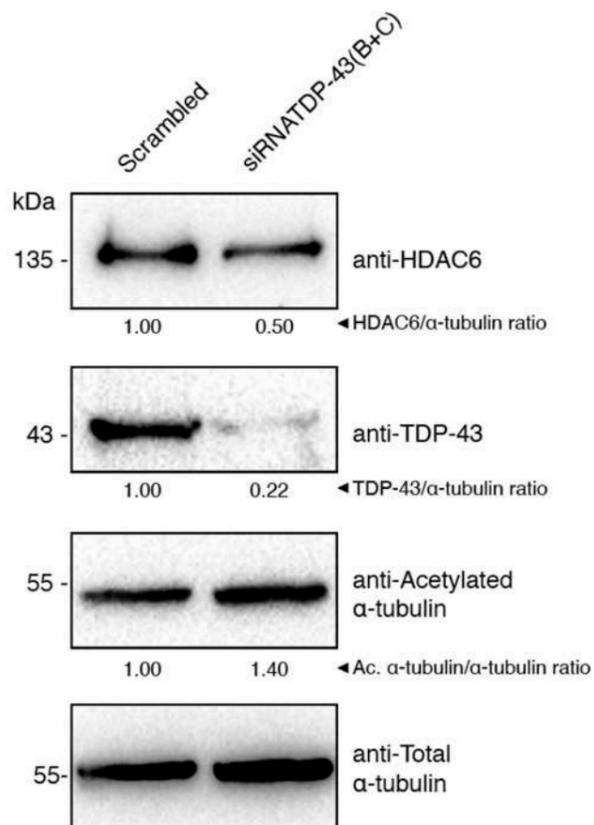


Figure S4. Replicate 1 HDAC6 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

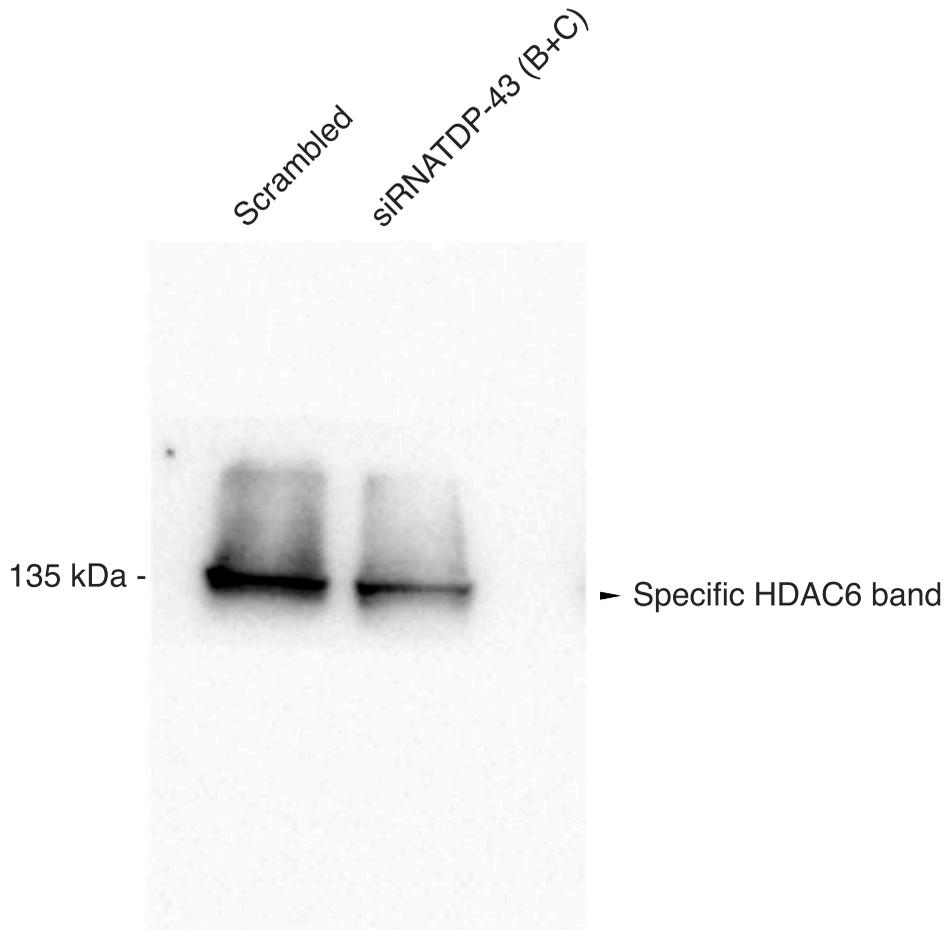


Figure S4. Replicate 1 TDP-43 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

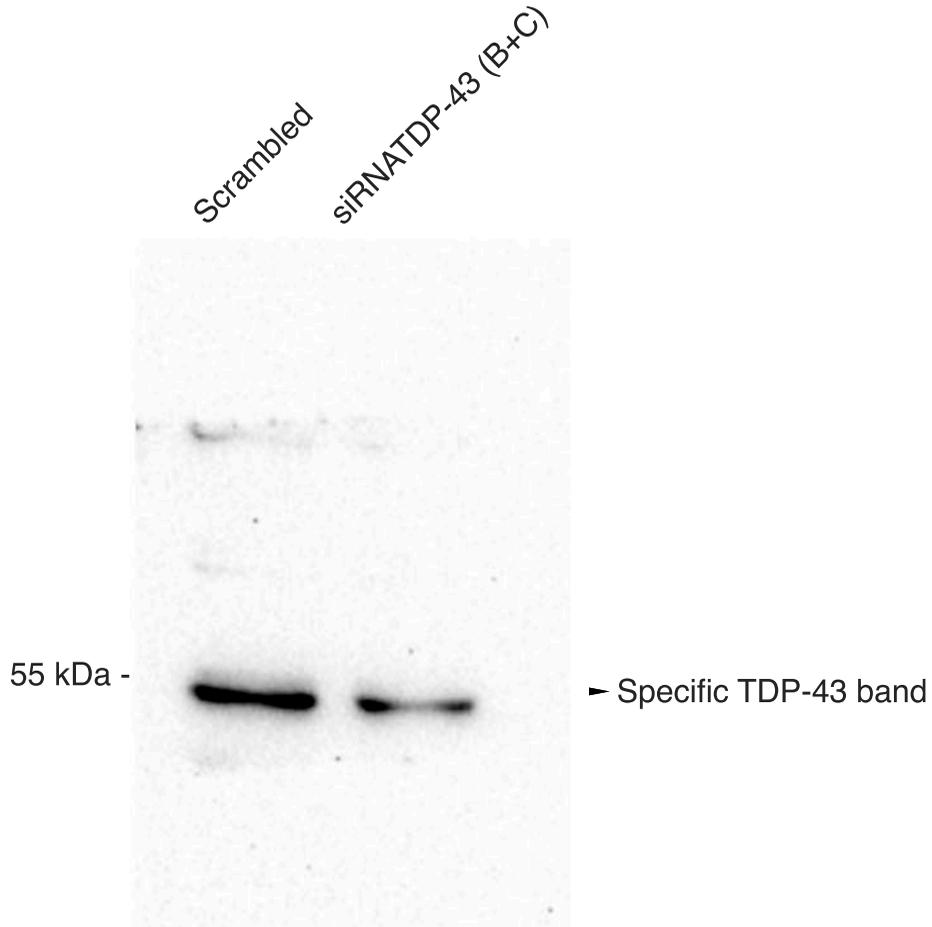


Figure S4. Replicate 1 Acetylated α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

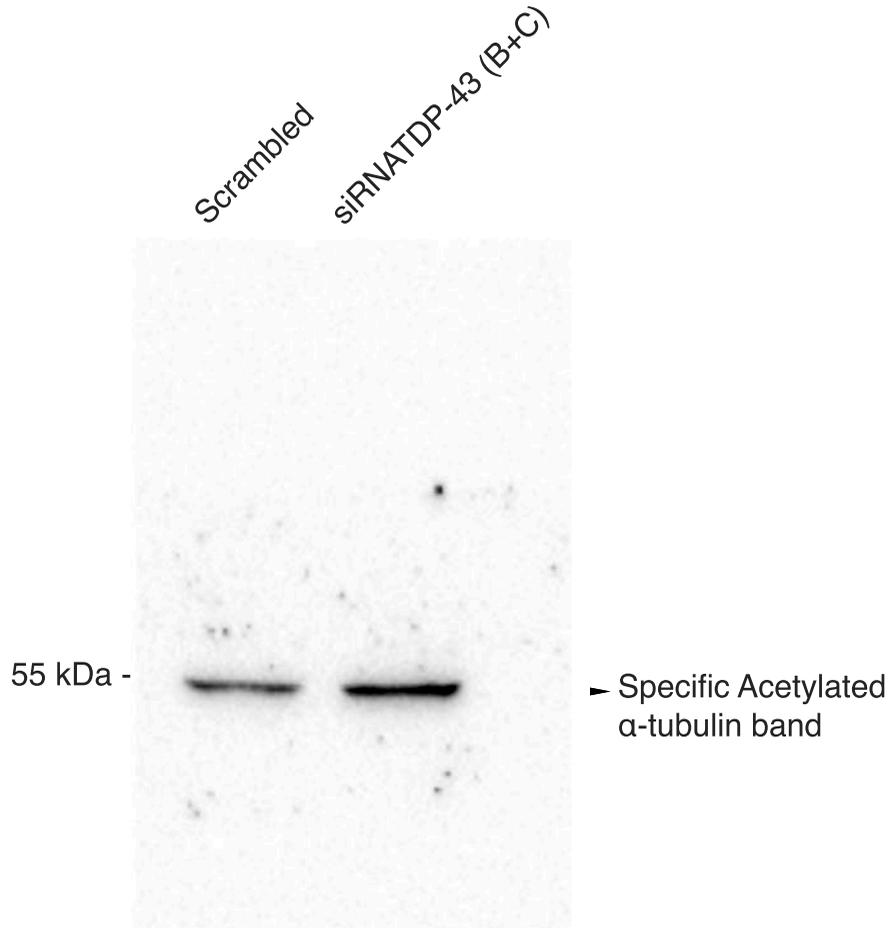


Figure S4. Replicate 1 Total α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

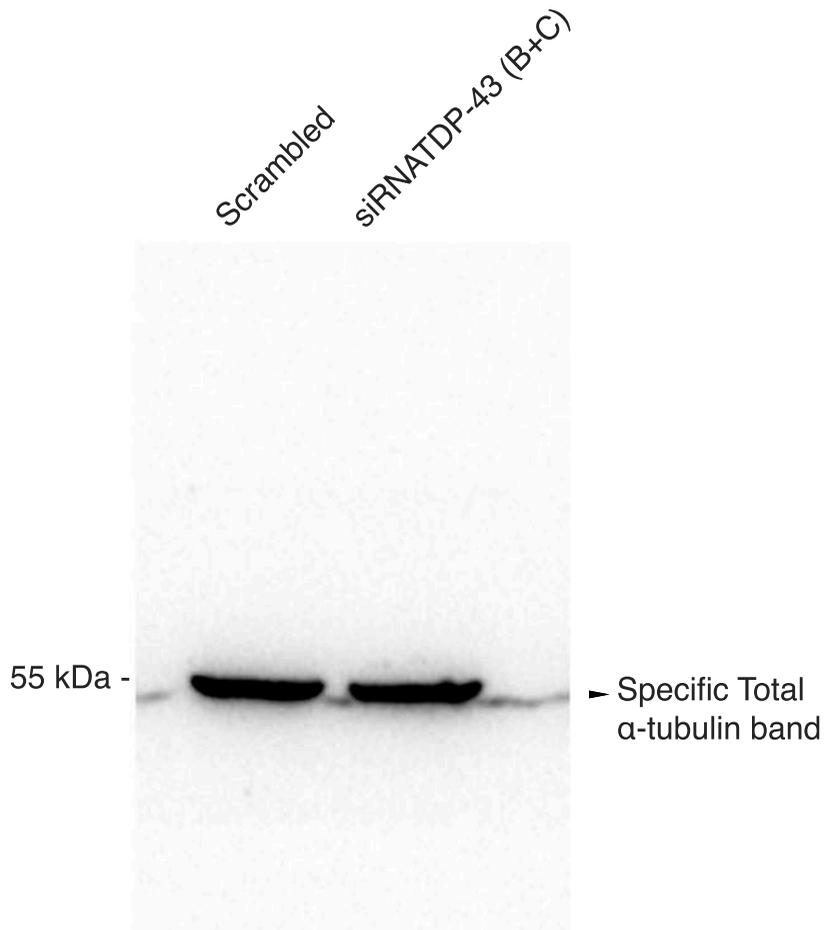


Figure S4. Replicate 2 HDAC6 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

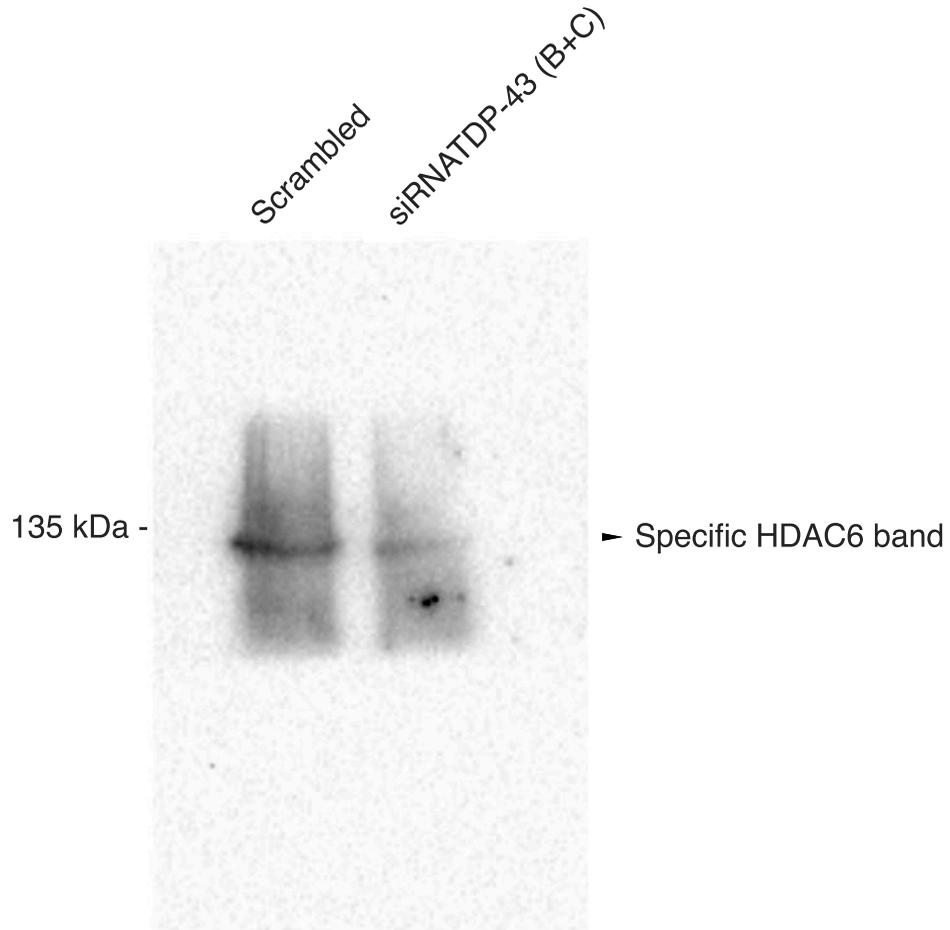


Figure S4. Replicate 2 TDP-43 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

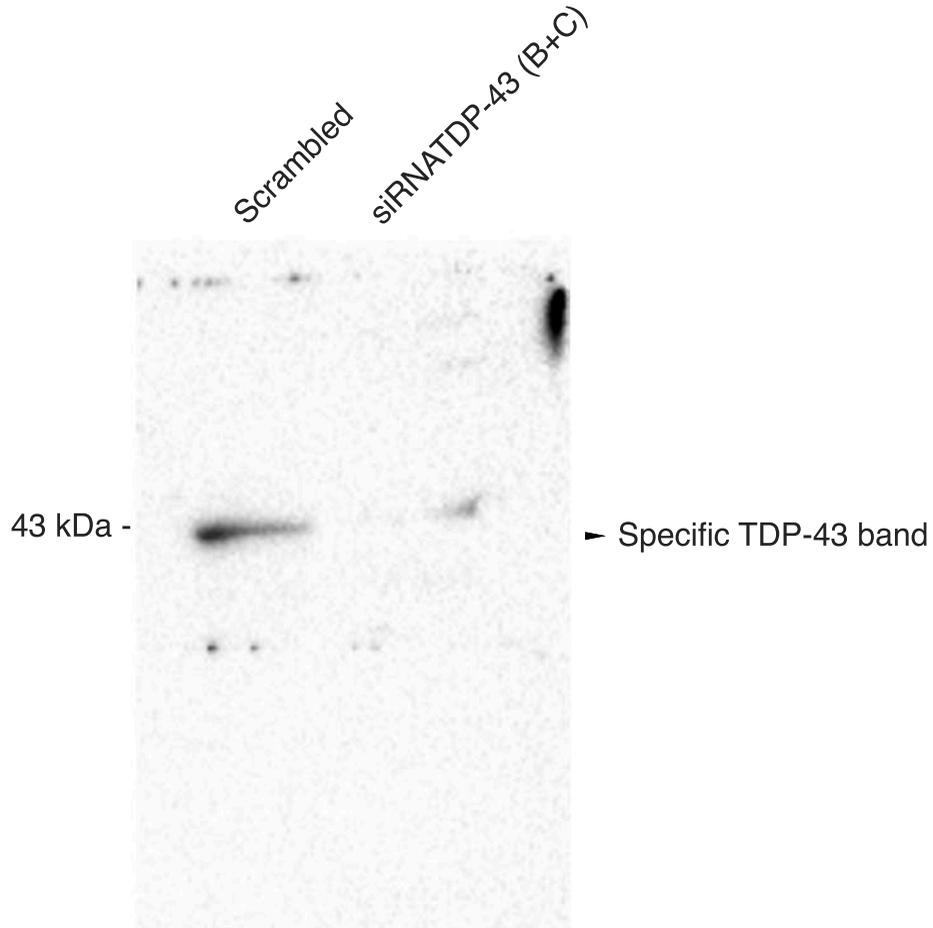


Figure S4. Replicate 2 Acetylated α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

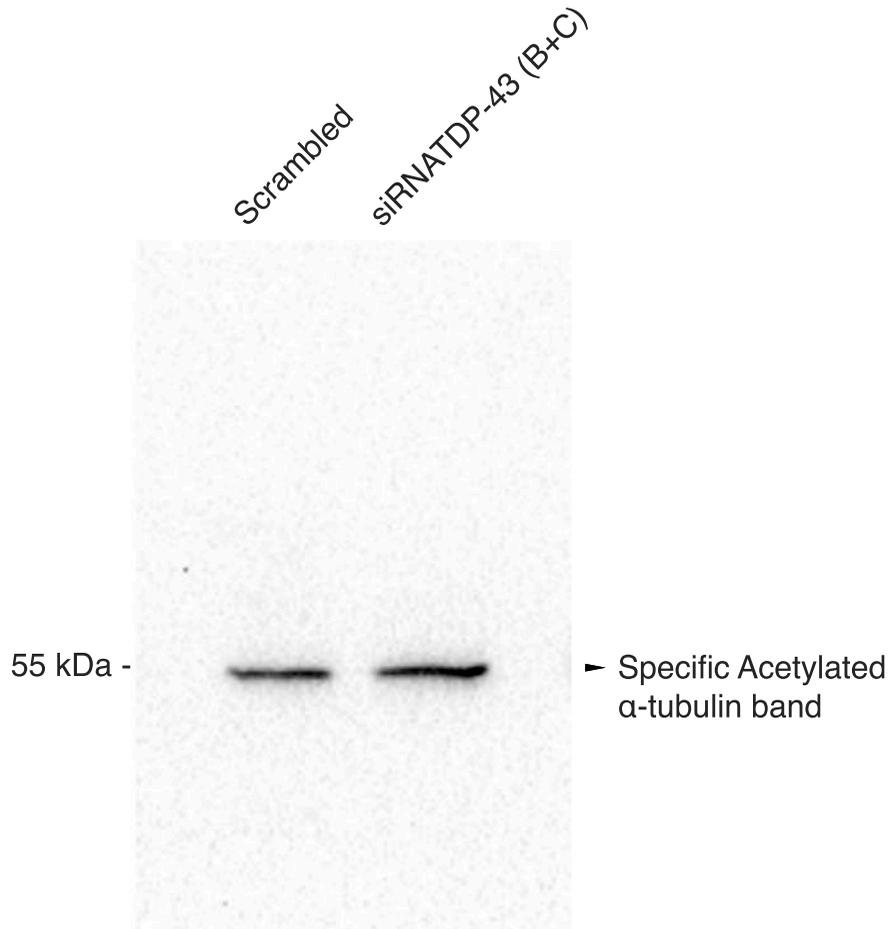


Figure S4. Replicate 2 Total α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

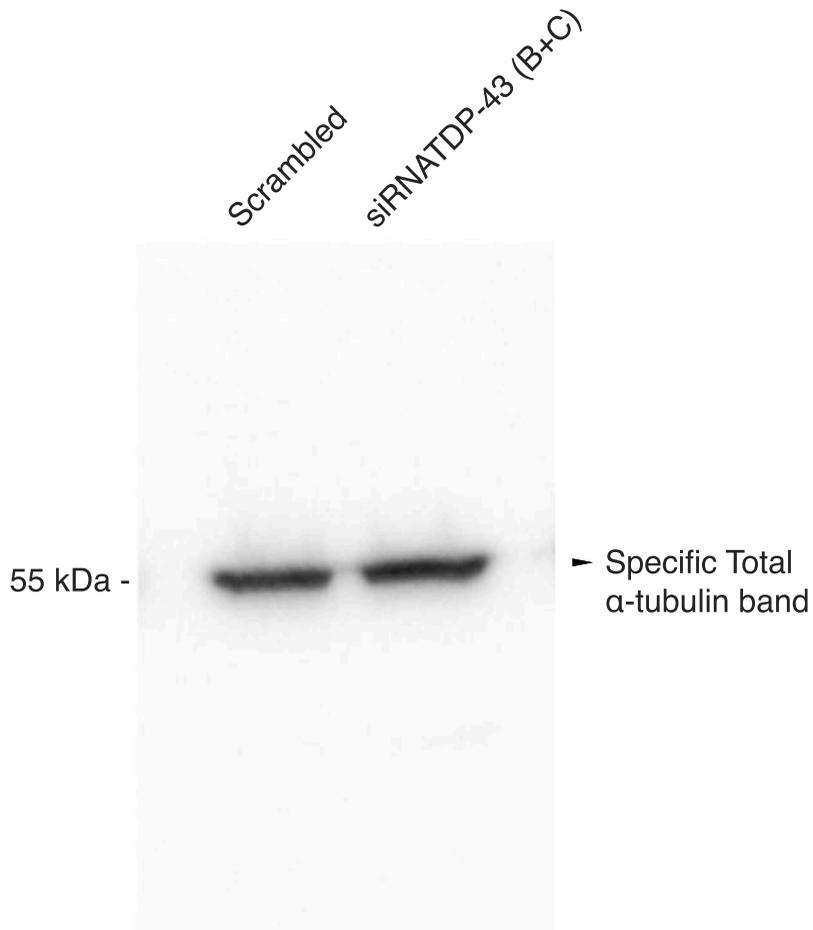


Figure S4. Replicate 3 HDAC6 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

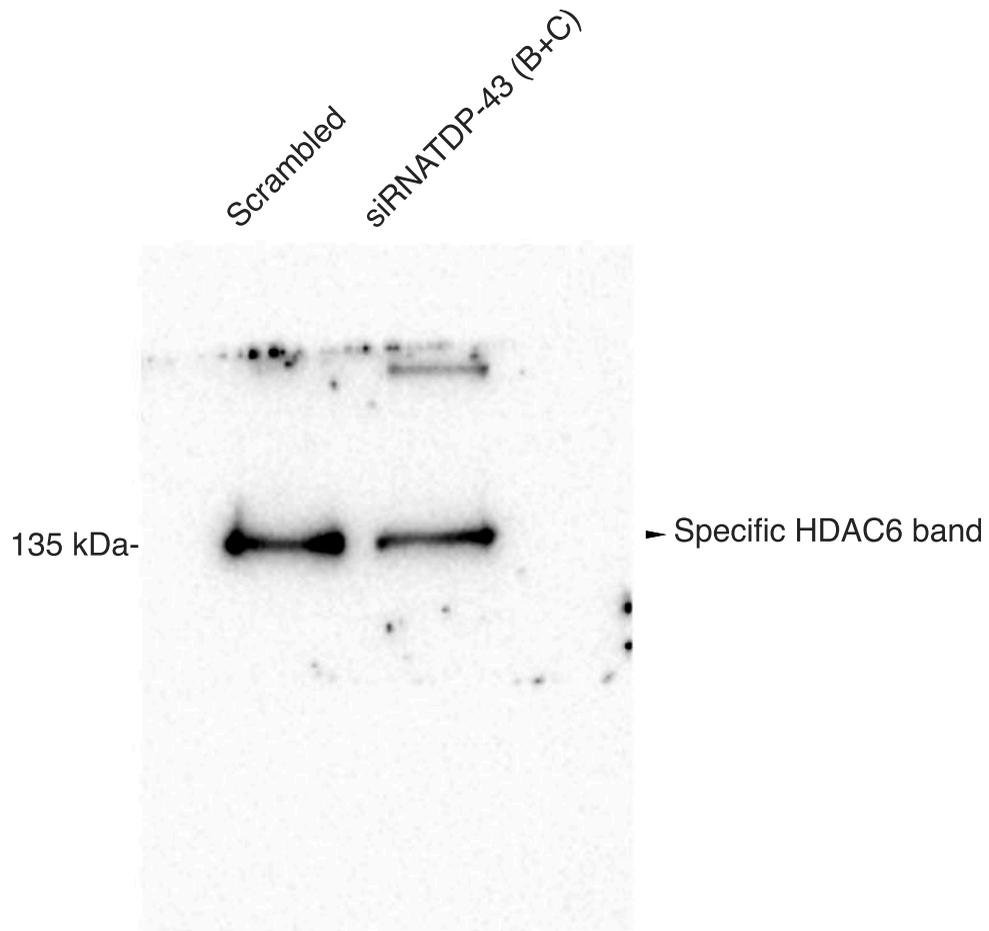


Figure S4. Replicate 3 TDP-43 complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

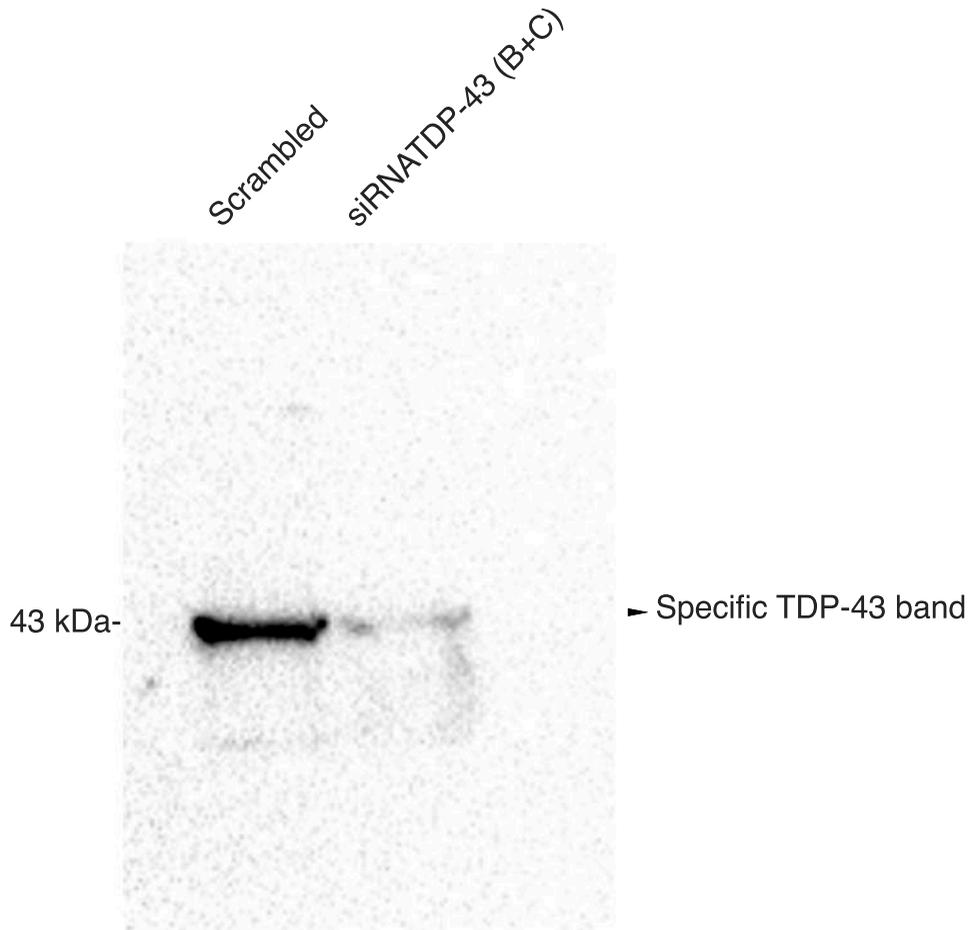


Figure S4. Replicate 3 Acetylated α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

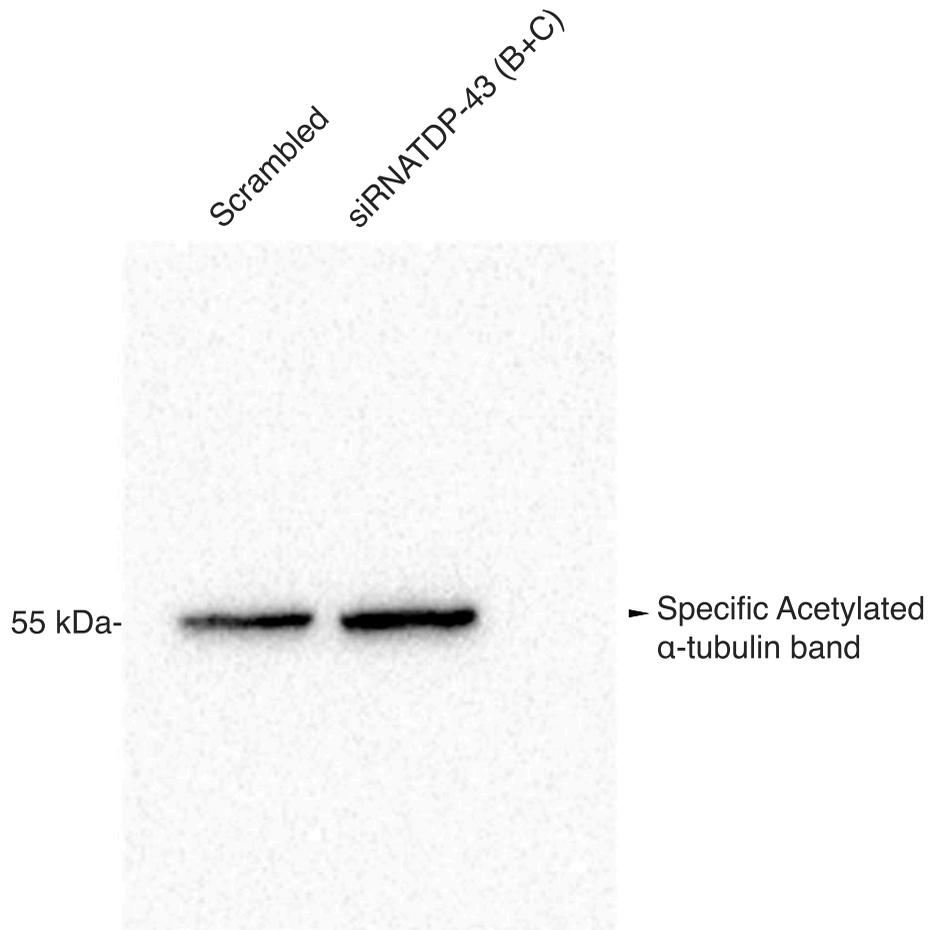


Figure S4. Replicate 3 Total α -tubulin complete gel Western-blot associated with Figure 6A
Cabrera-Rodríguez, R., *et al.*

