Sheets related to Figure 5:

Sheet 1: Figure5\_source\_1: Measurements for sample His-RUVBL1-RUVBL2 from Figure 5 Panels A and B.

Sheet 2: Figure5\_source\_2: Measurements for sample His-RUVBL1-RUVBL2E300Q from Figure 5 Panels A and C.

Sheet 3: Figure5\_source\_3: Measurements for sample His-RUVBL1E303Q-RUVBL2from Figure 5 Panels A and C.

Sheet 4: Figure5\_source\_4: Measurements for sample His-RUVBL1E303Q-RUVBL2E300Q from Figure 5 Panel A.

Sheet 5: Figure5\_source\_5: Measurements for sample His-RUVBL1-RUVBL2 + DHX34D279A from Figure 5 Panel B.

Sheet 6: Figure5\_source\_6: Measurements for sample His-RUVBL1-RUVBL2E300Q + DHX34D279A from Figure 5 Panel C.

Sheet 7: Figure5\_source\_7: Measurements for sample His-RUVBL1E303Q-RUVBL2+ DHX34D279A from Figure 5 Panel C.

- Graphic in Figure 5 Panel A: plotting of the average of ATP hydrolysis indicated as percentage for His-RUVBL1-RUVBL2 (Figure5\_source\_1), His-RUVBL1-RUVBL2E300Q (Figure5\_source\_2), His-RUVBL1E303Q-RUVBL2 (Figure5\_source\_3) and His-RUVBL1E303Q-RUVBL2E300Q (Figure5\_ source\_4).

- Graphic in Figure 5 Panel B: plotting of the average of ATP hydrolysis indicated as percentage for His-RUVBL1-RUVBL2 (Figure5\_source\_1) and His-RUVBL1-RUVBL2 + DHX34D279A (Figure5\_source\_5).

- Graphic in Figure 5 Panel C: plotting of the average of ATP hydrolysis indicated as percentage for His-RUVBL1-RUVBL2E300Q (Figure5\_source\_2), His-RUVBL1-RUVBL2E300Q + DHX34D279A (Figure5\_source\_6), His-RUVBL1E303Q-RUVBL2 (Figure5\_source\_3) and His-RUVBL1E303Q-RUVBL2+ DHX34D279A (Figure5\_source\_7).

Sheets related to Figure 5 – figure supplement 1:

Sheet 8: Figure5\_source\_8: Measurements for sample DHX34 from Figure 5 – figure supplement 1 Panels D and E.

Sheet 9: Figure5\_source\_9: Measurements for sample DHX34D279A from Figure 5 – figure supplement 1 Panels D and E.

- Graphic in Figure 5 – figure supplement 1 Panel D: plotting of replica 1 from Figure5\_source\_8 (DHX34) and replica 2 from Figure5\_source\_9 (DHX34 D279A).

- Graphic in Figure 5 – figure supplement 1 Panel D: plotting of the average of ATP consumption indicated as percentage for DHX34 (Figure5\_source\_8) and DHX34D279A (Figure5\_source\_9).

Graphics in Figure 5 – figure supplement 2:

- Graphic in Figure 5 – figure supplement 2 Panel A: plotting of replica 4 from Figure5\_source\_1 (His-RUVBL1-RUVBL2), replica 3 from Figure5\_source\_2 (His-RUVBL1-RUVBL2E300Q), replica 1 from Figure5\_source\_3 (His-RUVBL1E303Q-RUVBL2) and replica 1 from Figure5\_source\_4 (His-RUVBL1E303Q-RUVBL2 E300Q).

- Graphic in Figure 5 – figure supplement 2 Panel B: plotting of replica 4 from Figure5\_source\_1 (His-RUVBL1-RUVBL2) and replica 3 from Figure5\_source\_5 (His-RUVBL1-RUVBL2 + DHX34D279A).

- Graphic in Figure 5 – figure supplement 2 Panel C: plotting of replica 3 from Figure5\_source\_2 (His-RUVBL1-RUVBL2E300Q) and replica 2 from Figure5\_source\_6 (His-RUVBL1-RUVBL2E300Q + DHX34D279A).

- Graphic in Figure 5 – figure supplement 2 Panel D: plotting of replica 1 from Figure5\_source\_3 (His-RUVBL1E303Q-RUVBL2) and replica 1 from Figure5\_source\_7 (His-RUVBL1E303Q-RUVBL2 + DHX34D279A).

Sheets related to Figure 5 – figure supplement 3:

Sheet 10: Figure5\_S3\_source\_10: Measurements for sample Untagged RUVBL1-RUVBL2 from Figure 5 – figure supplement 3 Panels A, B, C and D.

Sheet 11: Figure5\_S3\_source\_11: Measurements for sample Untagged RUVBL1-RUVBL2 + DHX34D279A from Figure 5 – figure supplement 3 Panels B and D.

Sheet 12: Figure5\_S3\_source\_12: Measurements for sample Untagged RUVBL1-RUVBL2E300Q from Figure 5 – figure supplement 3 Panels E and G.

Sheet 13: Figure5\_S3\_source\_13: Measurements for sample Untagged RUVBL1-RUVBL2E300Q + DHX34D279A from Figure 5 – figure supplement 3 Panels E and G.

Sheet 14: Figure5\_S3\_source\_14: Measurements for sample Untagged RUVBL1E303Q-RUVBL2 from Figure 5 – figure supplement 3 Panels F and G.

Sheet 15: Figure5\_S3\_source\_15: Measurements for sample Untagged RUVBL1E303Q-RUVBL2 + DHX34D279A from Figure 5 – figure supplement 3 Panels F and G.

- Graphic in Figure 5 – figure supplement 3 Panel A: plotting of replica 4 from Figure5\_source\_1 (His-RUVBL1-RUVBL2) and replica 1 from Figure5\_S3\_source\_10 (Untagged RUVBL1-RUVBL2).

- Graphic in Figure 5 – figure supplement 3 Panel A: plotting of the average of ATP consumption indicated as percentage for His-RUVBL1-RUVBL2 (Figure5\_source\_1) and Untagged RUVBL1-RUVBL2 (Figure5\_S3\_source\_10).

- Graphic in Figure 5 – figure supplement 3 Panel C: plotting of replica 1 from Figure5\_S3\_source\_10 (Untagged RUVBL1-RUVBL2) and replica 1 from Figure5\_S3\_source\_11 (Untagged RUVBL1-RUVBL2 + DHX34D279A).

- Graphic in Figure 5 – figure supplement 3 Panel D: plotting of the average of ATP consumption indicated as percentage for Untagged RUVBL1-RUVBL2 (Figure5\_S3\_source\_10) and Untagged RUVBL1-RUVBL2 + DHX34D279A (Figure5\_S3\_source\_11).

- Graphic in Figure 5 – figure supplement 3 Panel E: plotting of replica 1 from Figure5\_S3\_source\_12 (Untagged RUVBL1-RUVBL2E300Q) and replica 2 from Figure5\_S3\_source\_13 (Untagged RUVBL1-RUVBL2E300Q + DHX34D279A).

- Graphic in Figure 5 – figure supplement 3 Panel F: plotting of replica 3 from Figure5\_S3\_source\_14 (Untagged RUVBL1E303Q-RUVBL2) and replica 1 from Figure5\_S3\_source\_15 (Untagged RUVBL1E303Q-RUVBL2 + DHX34D279A).

- Graphic in Figure 5 – figure supplement 3 Panel G: plotting of the average of ATP consumption indicated as percentage for Untagged RUVBL1-RUVBL2E300Q (Figure5\_S3\_source\_12), Untagged RUVBL1-RUVBL2E300Q + DHX34D279A (Figure5\_S3\_source\_13), Untagged RUVBL1E303Q-RUVBL2 (Figure5\_S3\_source\_14) and Untagged RUVBL1E303Q-RUVBL2 + DHX34D279A (Figure5\_S3\_source\_15).