Figure 5 figure supplement 2– panel A

Anti-FLAG Anti-NDUFA9 Anti-SDHA Anti-CORE2 Anti-COX1 Anti-COX2 Anti-ATP5A Anti-TUBULIN
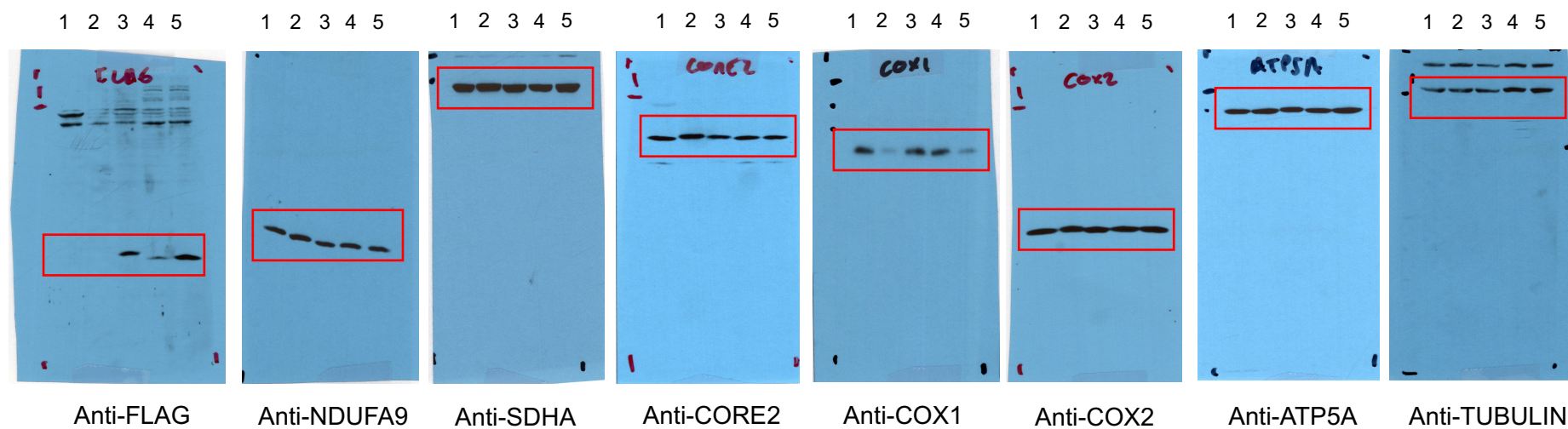
1. WT
2. HIGD1A-KO+EV
3. HIGD1A-KO+HIGD1A
4. HIGD1A-KO+HIGD1C
5. HIGD1A-KO+Higd1c

Figure 5 figure supplement 2– panel B

1. WT
2. HIGD1A-KO+EV
3. HIGD1A-KO+HIGD1A
4. HIGD1A-KO+COX4I1
5. HIGD1A-KO+COX4I2
6. HIGD1A-KO+HIGD1C
7. HIGD1A-KO+HIGD1C+COX4I1
8. HIGD1A-KO+HIGD1C+COX4I2
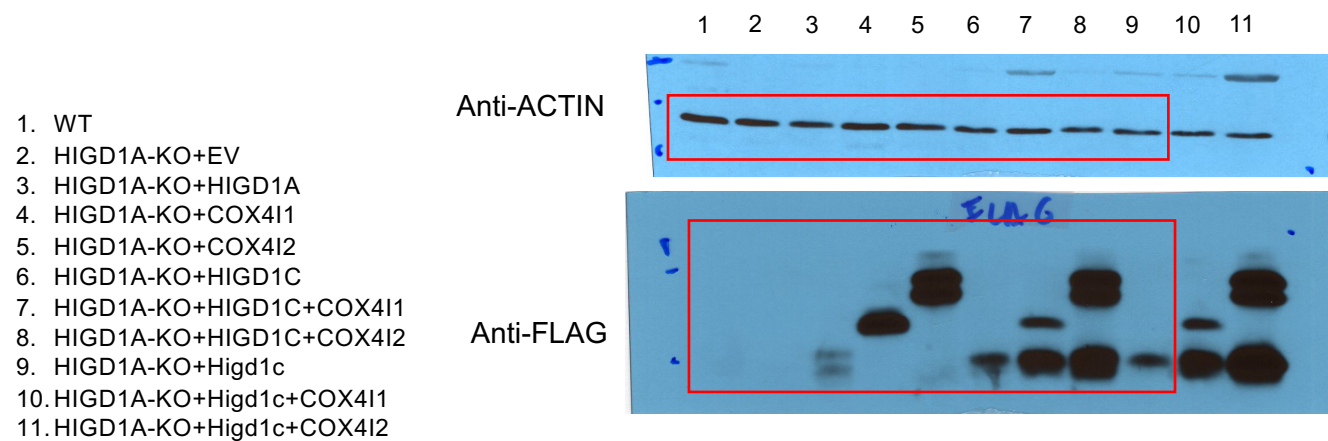9. HIGD1A-KO+Higd1c
10. HIGD1A-KO+Higd1c+COX4I1
11. HIGD1A-KO+Higd1c+COX4I2

Figure 5 figure supplement 2– panel C

1. WT
2. HIGD1A-KO+EV
3. HIGD1A-KO+HIGD1A
4. HIGD1A-KO+HIGD1C
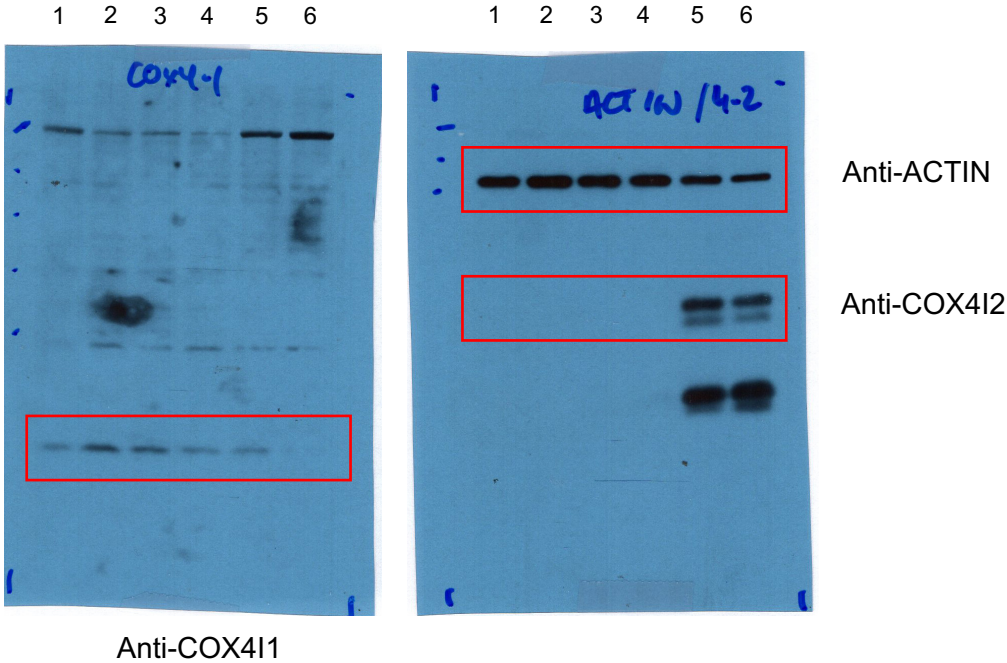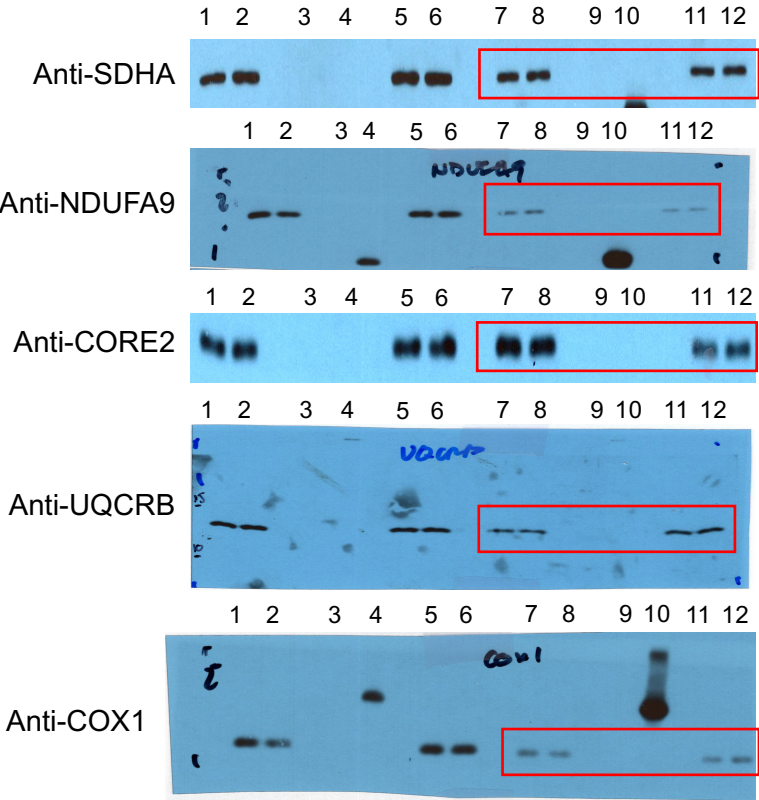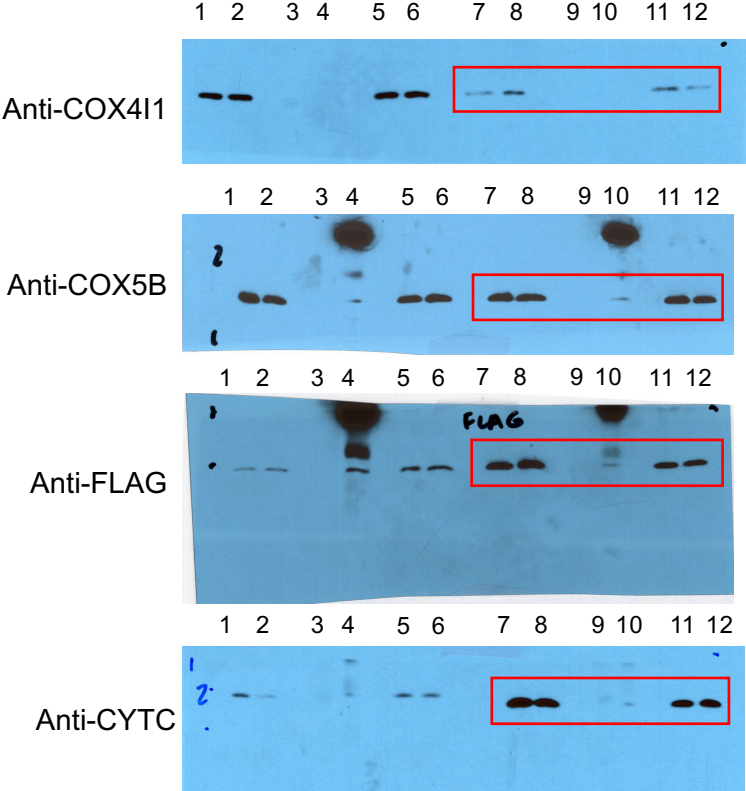5. HIGD1A-KO+HIGD1C+COX4I2
6. HIGD1A-KO+HIGD1C+COX4I2+siCOX4I1

Anti-COX4I1

Anti-ACTIN

Anti-COX4I2

Figure 5 figure supplement 2– panel D

1. Extract control
2. Unbound control
3. IP control
4. IP FLAG
5. Unbound FLAG
6. Extract FLAG

⎤ Figure5-panel B

7. Extract control
8. Unbound control
9. IP control
10. IP FLAG
11. Unbound FLAG
12. Extract FLAG

⎤ HIGD1A-KO
+Higd1c-FLAG

Figure 5 figure supplement 2– panel E

Anti-COX5B   Anti-CYTC   Anti-SDHA

1. WT
2. HIGD1A-KO+EV
3. HIGD1A-KO+HIGD1A
4. HIGD1A-KO+HIGD1C
5. WT ⎤
6. HIGD1A-KO+EV ⎥
7. HIGD1A-KO+HIGD1A ⎥ 2nd rep
8. HIGD1A-KO+HIGD1C ⎦