Figure 2b
p-STAT3
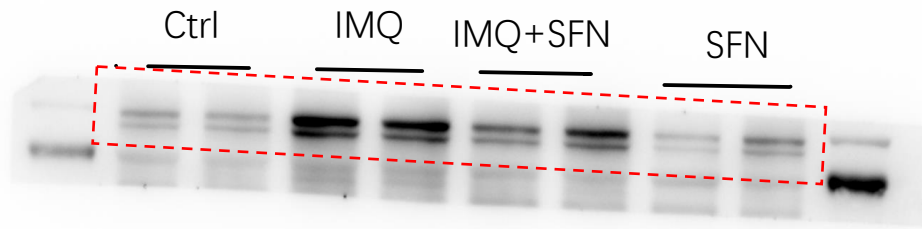
Figure 2b
STAT3

Figure 2b
p-IκB
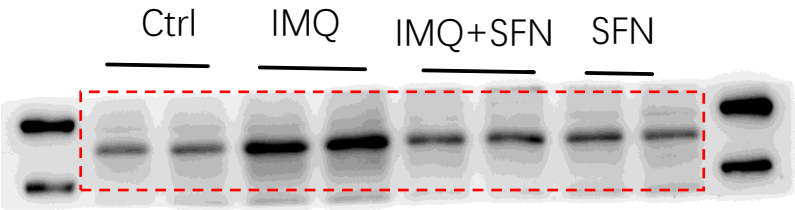
Figure 2b
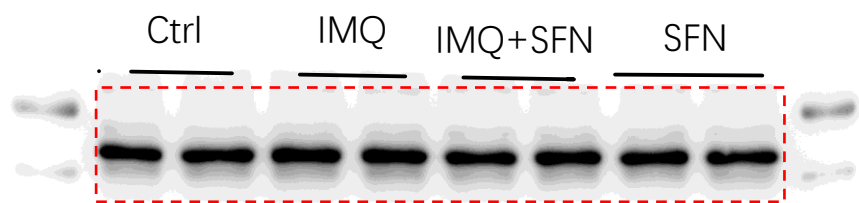IκB

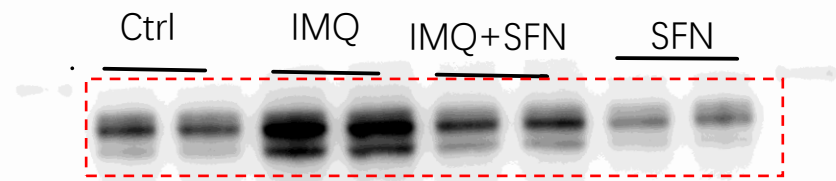Ctrl   IMQ   IMQ+SFN   SFN

Figure 2b
K16

Figure 2b
K17
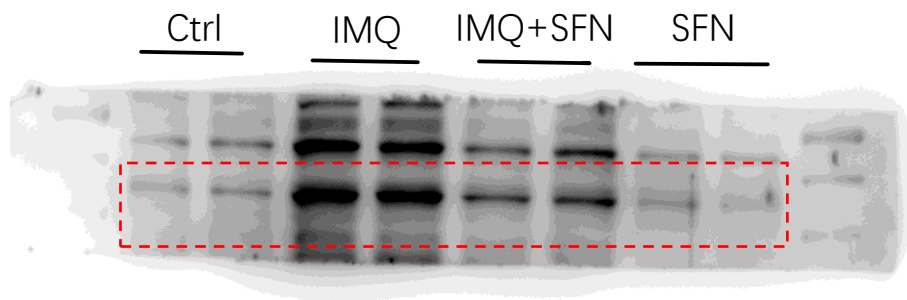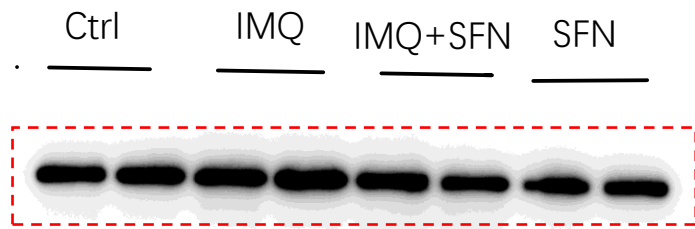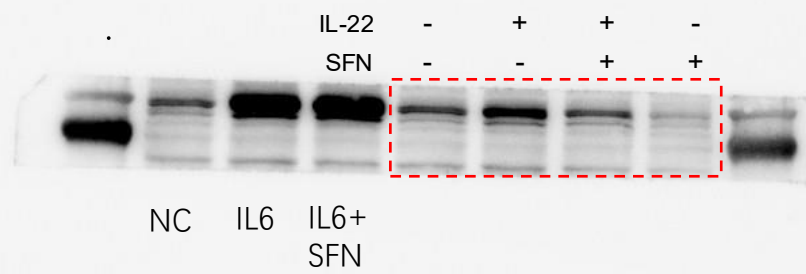
Ctrl   IMQ   IMQ+SFN   SFN

Figure 2b
GAPDH

Ctrl   IMQ   IMQ+SFN   SFN

Figure 3a
p-STAT3

| IL-22 | - | + | + | - |
| SFN | - | - | + | + |

NC IL6 IL6+ SFN

Figure 3a
STAT3

IL-22   -   +   +   -   -   +   +   -   -   +   +   -

SFN   -   -   +   +   -   -   +   +   -   -   +   +

Figure 3a
K16

TNF-α   -   +   +   -   IL-22   -   +   +   -
SFN   -   -   +   +   SFN   -   -   +   +

IL-22   -   +   +   -
SFN   -   -   +   +

Figure 3a
K17

IL-22   -   +   +   -   IL-22   -   +   +   -   NC   SFN
SFN   -   -   +   +   SFN   -   -   +   +

Figure 3a
GAPDH

| IL-22 | - | + | + | - |
| SFN | - | - | + | + |

NC   IL6   IL6+
             SFN

Figure 3b
p-IκB

TNF-α   -   +   +   -
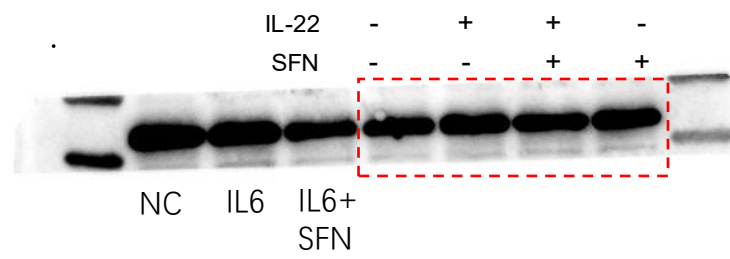SFN   -   -   +   +
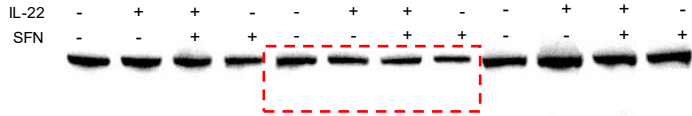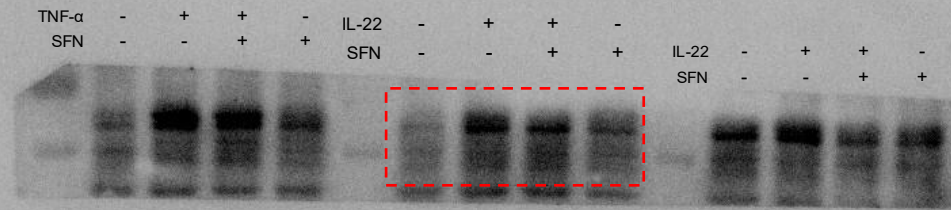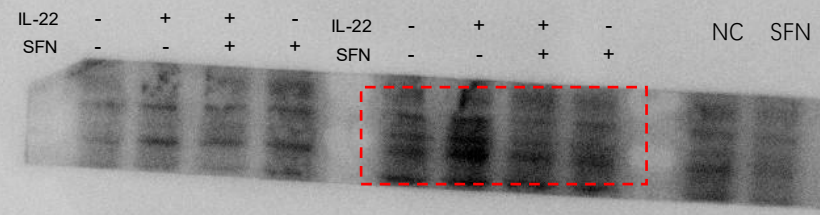
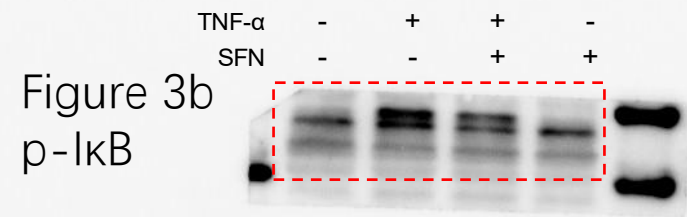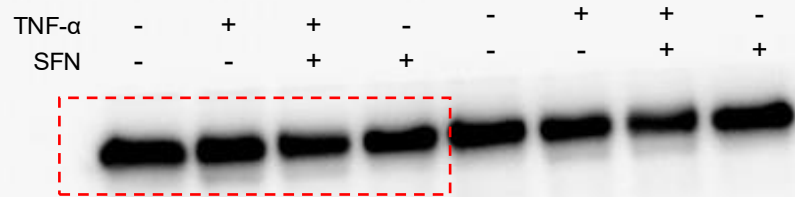Figure 3b
IκB

TNF-α - + + -   TNF-α - + + -   TNF-α - + + -
SFN - - + +   SFN - - + +   SFN - - + +
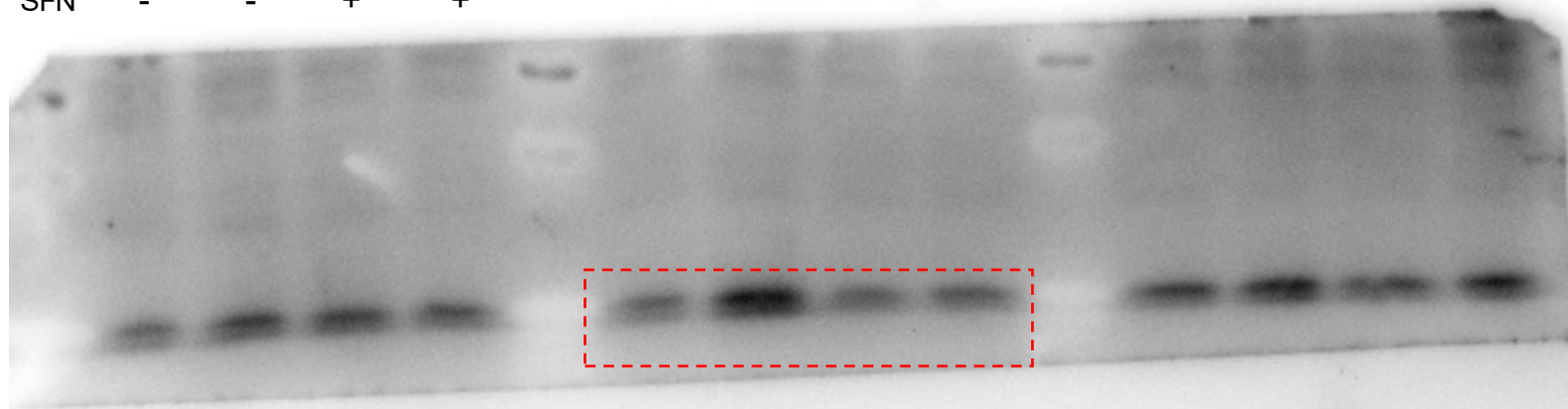
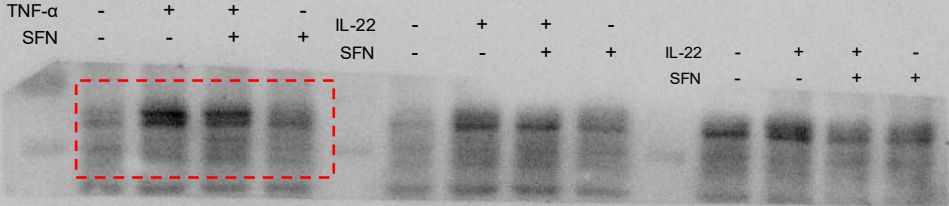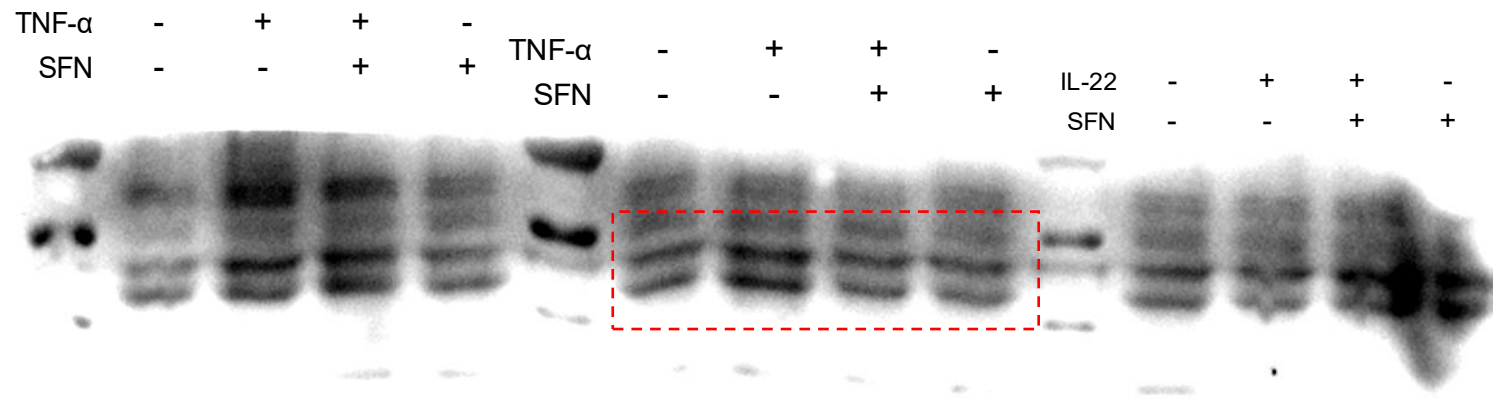Figure 3b
IL-1β

Figure 3b
K16

Figure 3b
K17

TNF-α — + + —
SFN — — + +

TNF-α — + + —
SFN — — + +

IL-22 — + + —
SFN — — + +

Figure 3b
GAPDH

TNF-α   -   +   +   -   TNF-α   -   +   +   -
SFN   -   -   +   +   SFN   -   -   +   +
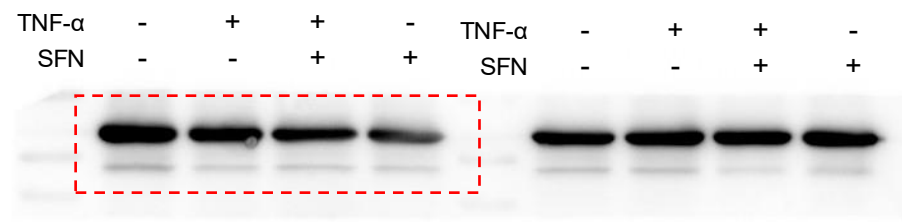
Figure 6a
NRF2

Figure 6a
p-NRF2

Ctrl   IMQ   IMQ+SFN   SFN
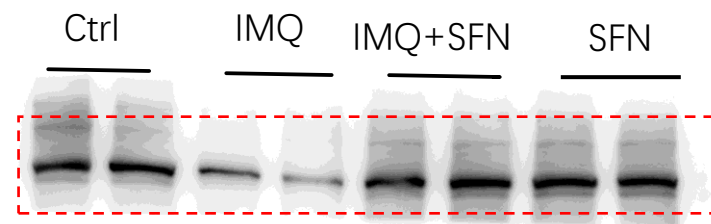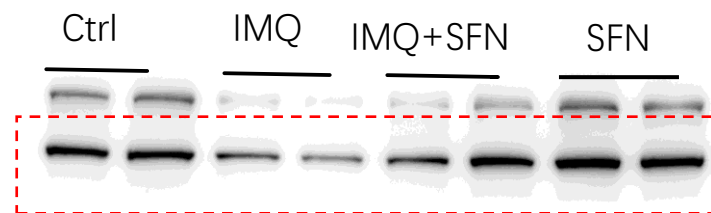
Figure 6a
GAPDH

Figure 7a
NRF2
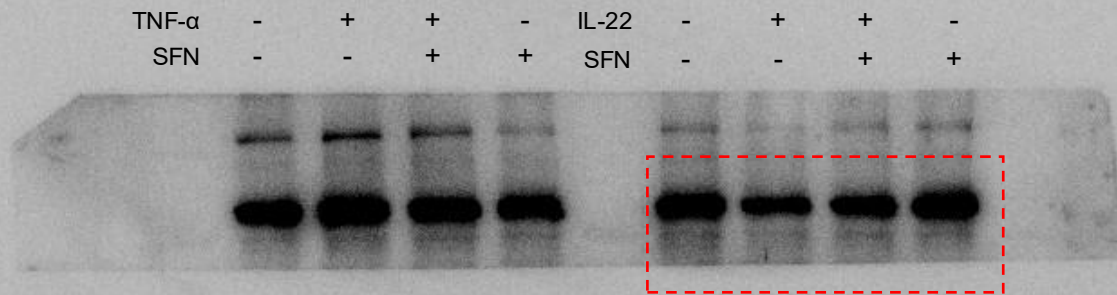
| TNF-α | - | + | + | - | IL-22 | - | + | + | - |
| SFN | - | - | + | + | SFN | - | - | + | + |

Figure 7a,7b
p-NRF2

TNF-α | - | + | + | -
SFN | - | - | + | +

IL-22 | - | + | + | -
SFN | - | - | + | +

IL-22 | - | + | + | -
SFN | - | - | + | +

Figure 7b
NRF2

| TNF-α | - | + | + | - |
| SFN | - | - | + | + |

| IL-22 | - | + | + | - |
| SFN | - | - | + | + |

| IL-22 | - | + | + | - |
| SFN | - | - | + | + |

Figure 7a
GAPDH

TNF-α   -   +   +   -   IL-22   -   +   +   -   IL-22   -   +   +   -
SFN   -   -   +   +   SFN   -   -   +   +   SFN   -   -   +   +

TNF-α   -   +   +   -   TNF-α   -   +   +   -   IL-22   -   +   +   -

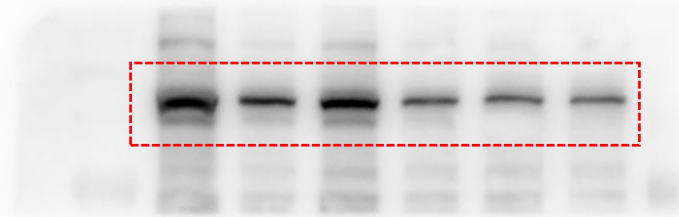SFN   -   -   +   +   SFN   -   -   +   +   SFN   -   -   +   +
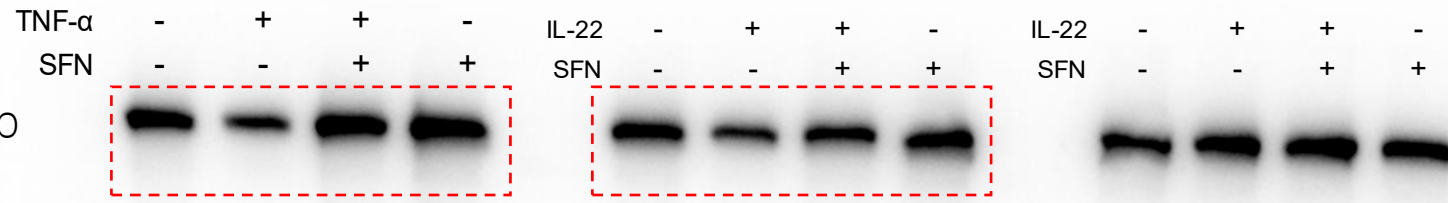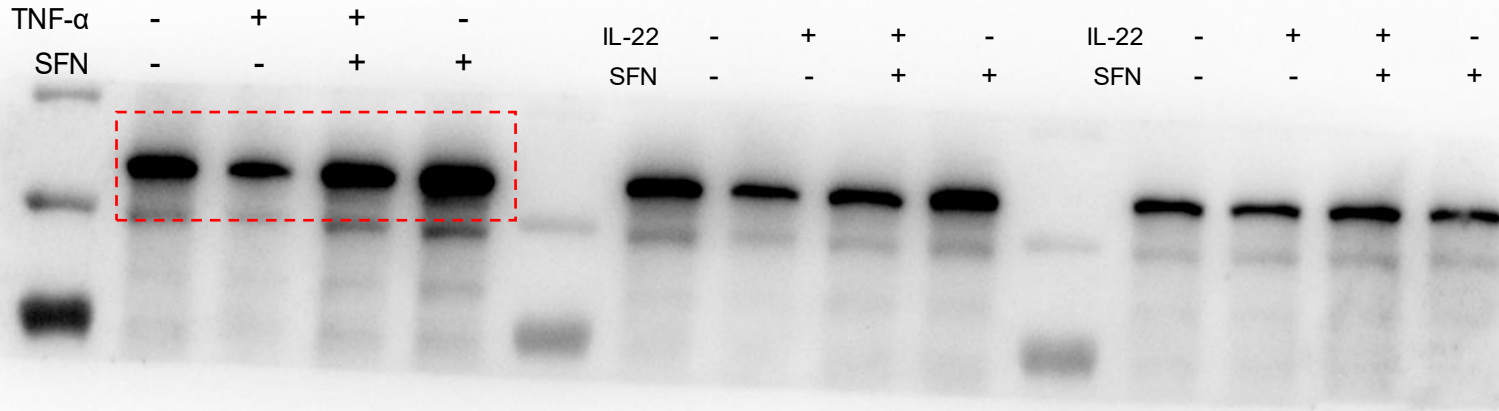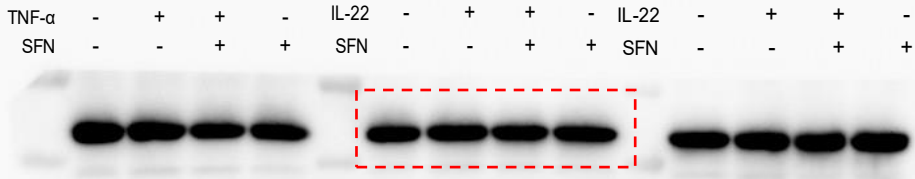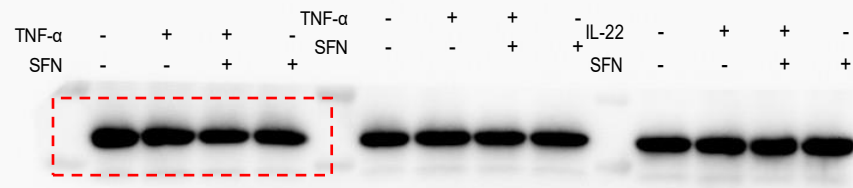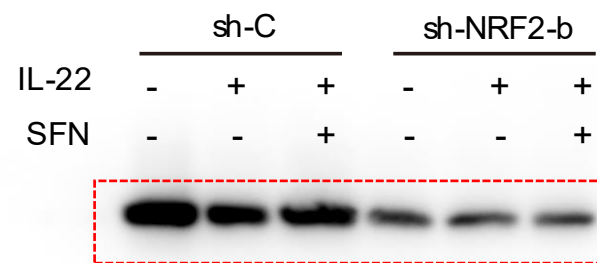
Figure 7b
GAPDH

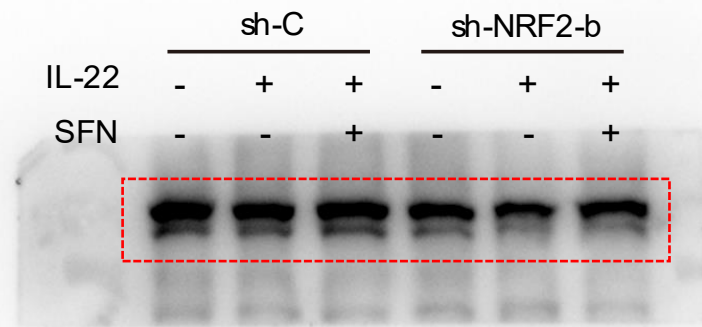Figure 7e
NRF2

Figure 7e
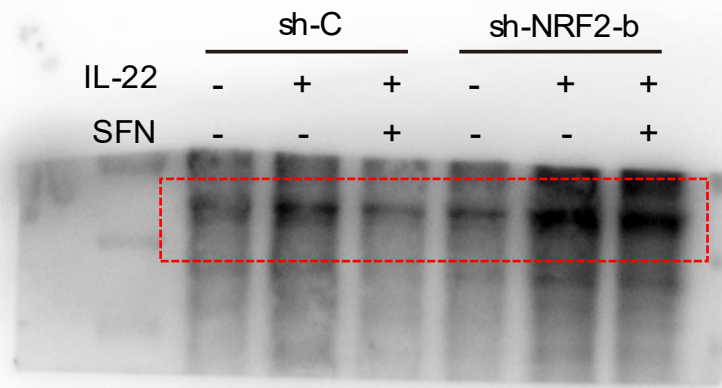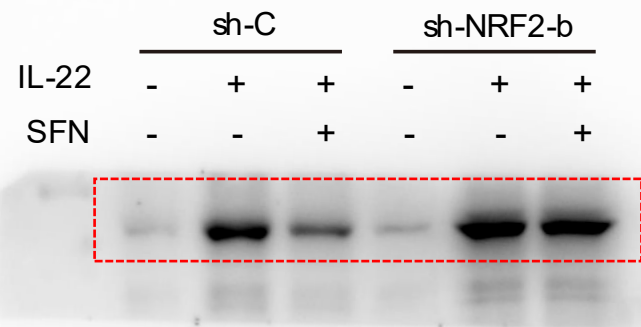NQO1

Figure 7e
p-STAT3
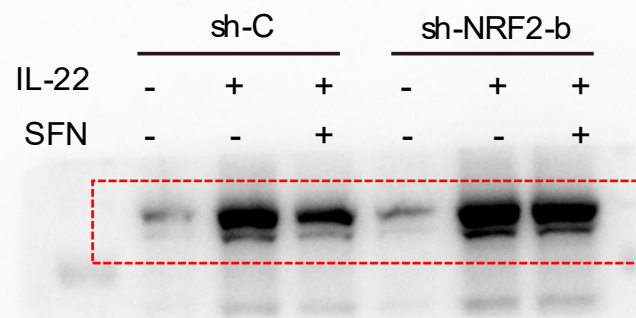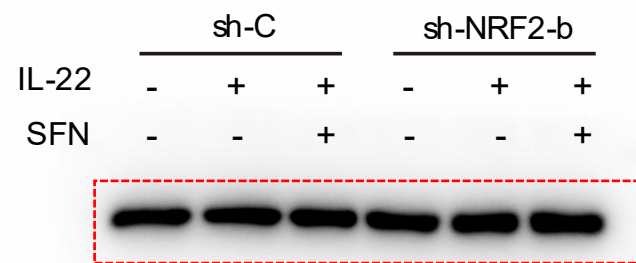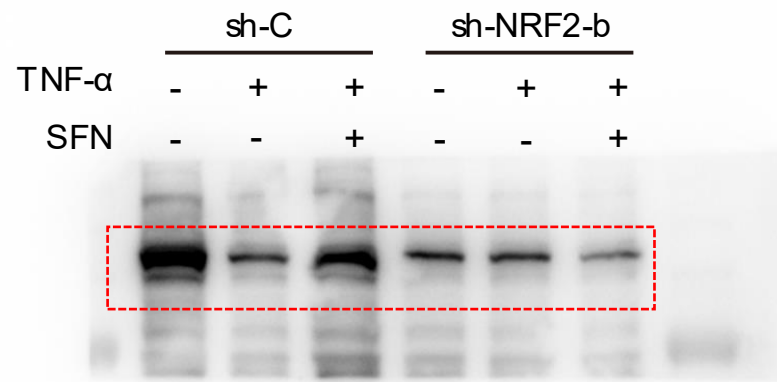
Figure 7e
STAT3

Figure 7e
K16

Figure 7e
K17

Figure 7e
GAPDH

sh-C sh-NRF2-b

TNF-α - + + - + +
SFN - - + - - +

Figure 7f
NRF2

Figure 7f
NQO1

Figure 7f
p-IκB

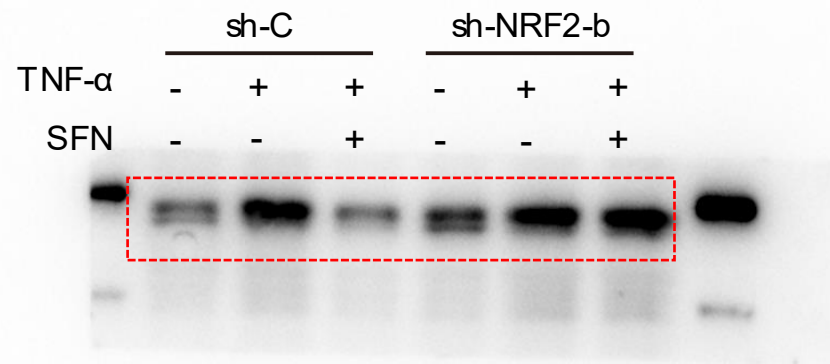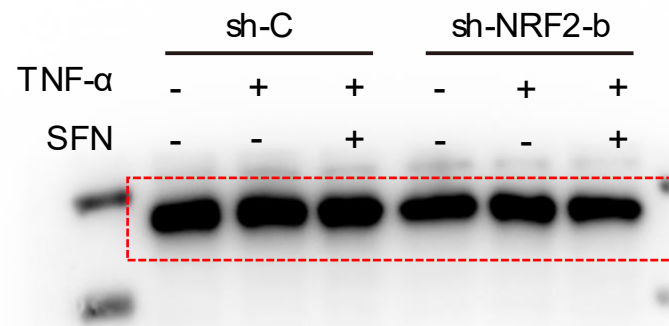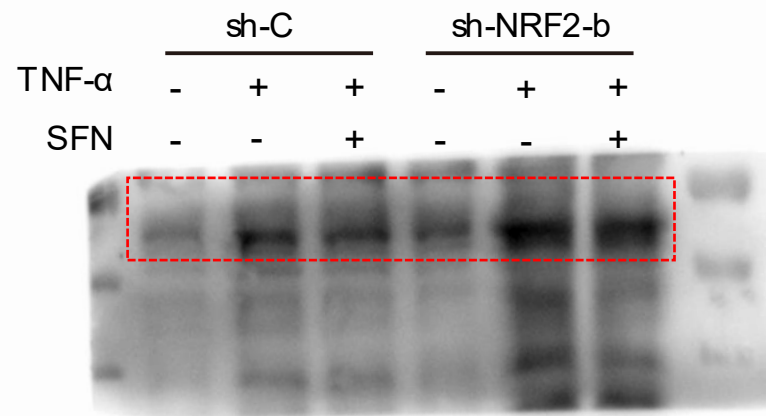sh-C   sh-NRF2-b

TNF-α   -   +   +   -   +   +

SFN   -   -   +   -   -   +
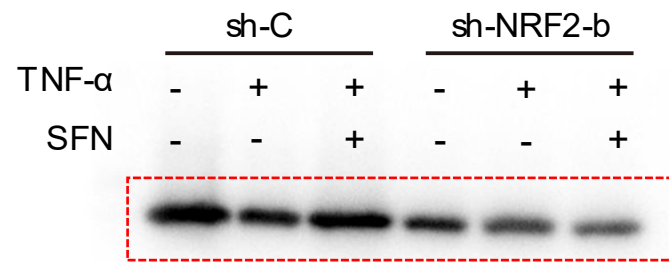
Figure 7f
IκB

Figure 7f
K16

Figure 7f
K17

sh-C   sh-NRF2-b
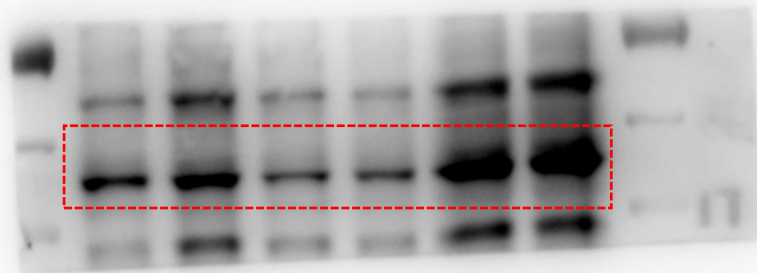
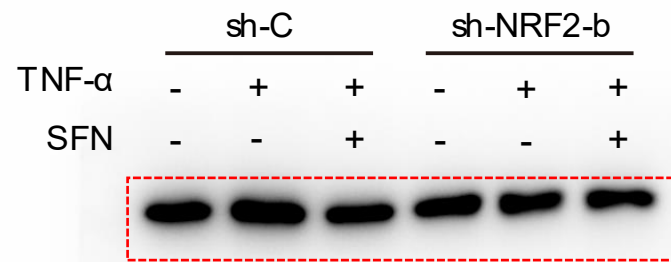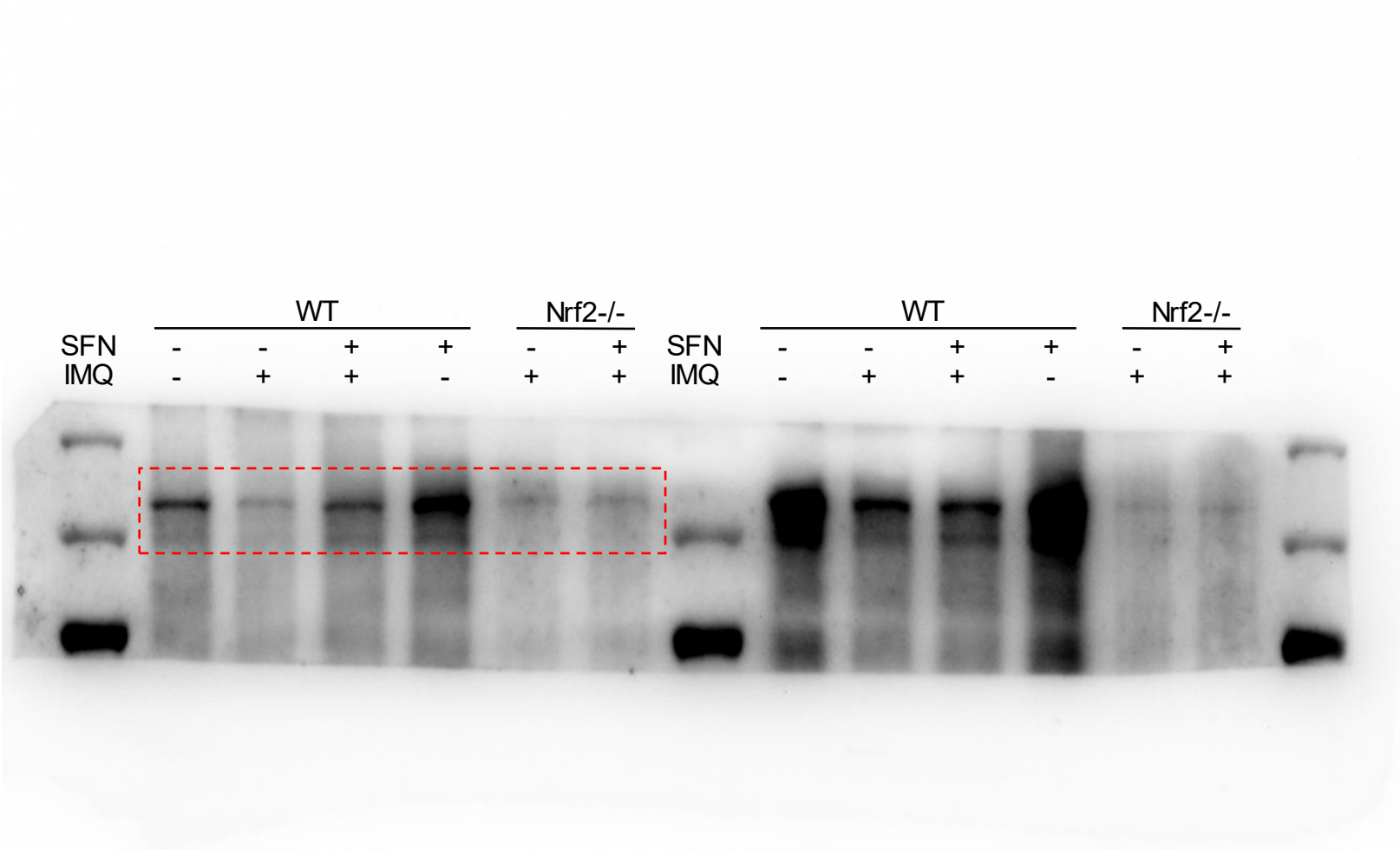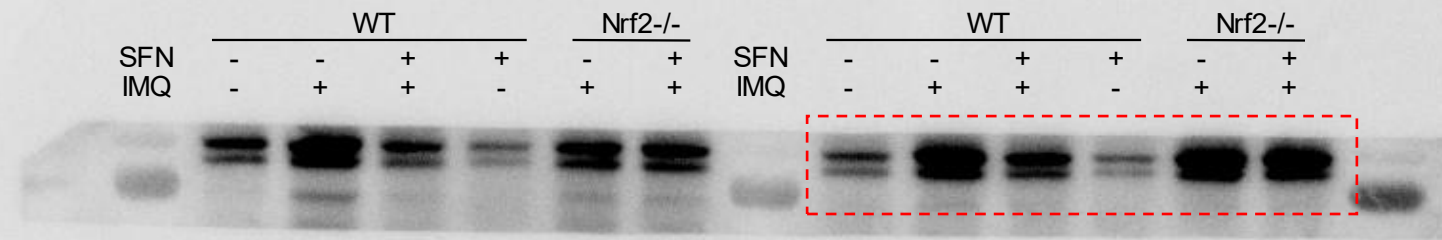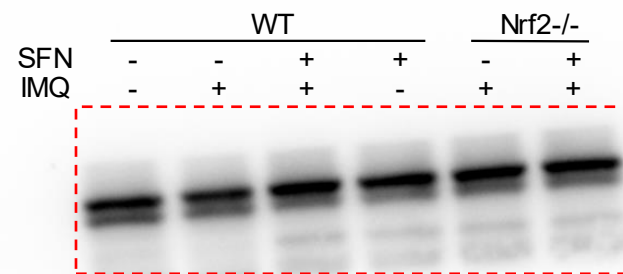| TNF-α | - | + | + | - | + | + |
| SFN | - | - | + | - | - | + |

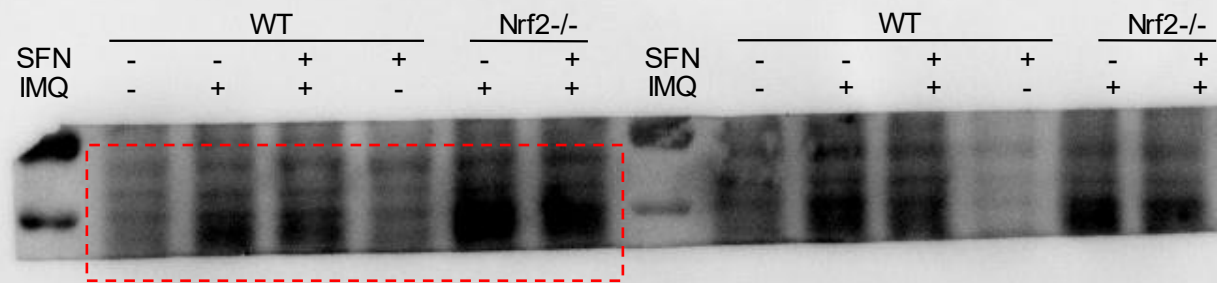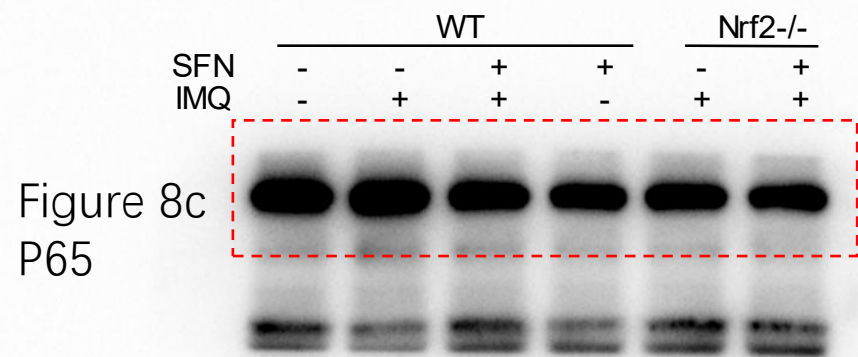Figure 7f
K16

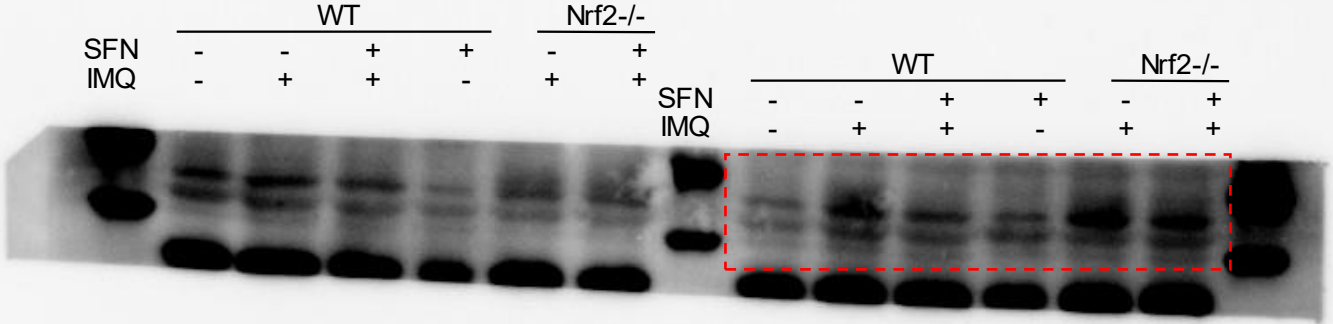Figure 8c
NRF2

Figure 8c
p-STAT3

Figure 8c
STAT3

Figure 8c
p-P65

Figure 8c
P65

Figure 8c
p-IκB

Figure 8c
IκB

Figure 8c
K16

SFN   -   -   +   +   -   +
IMQ   -   +   +   -   +   +

WT   Nrf2-/-
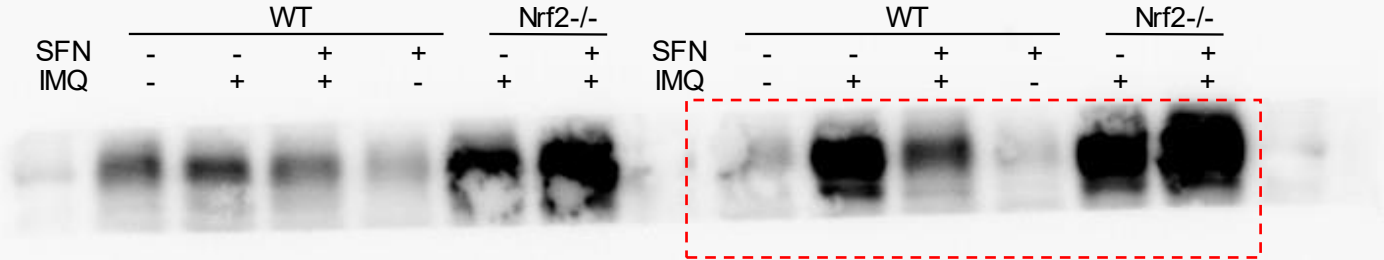
SFN   -   -   +   +   -   +
IMQ   -   +   +   -   +   +

WT   Nrf2-/-
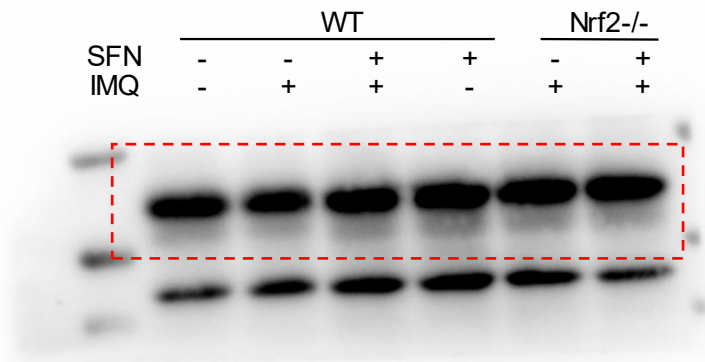
Figure 8c
NQO1

Figure 8c
GAPDH

	WT				Nrf2-/-				WT				Nrf2-/-	
SFN	-	-	+	+	-	+	SFN	-	-	+	+	-	+
IMQ	-	+	+	-	+	+	IMQ	-	+	+	-	+	+