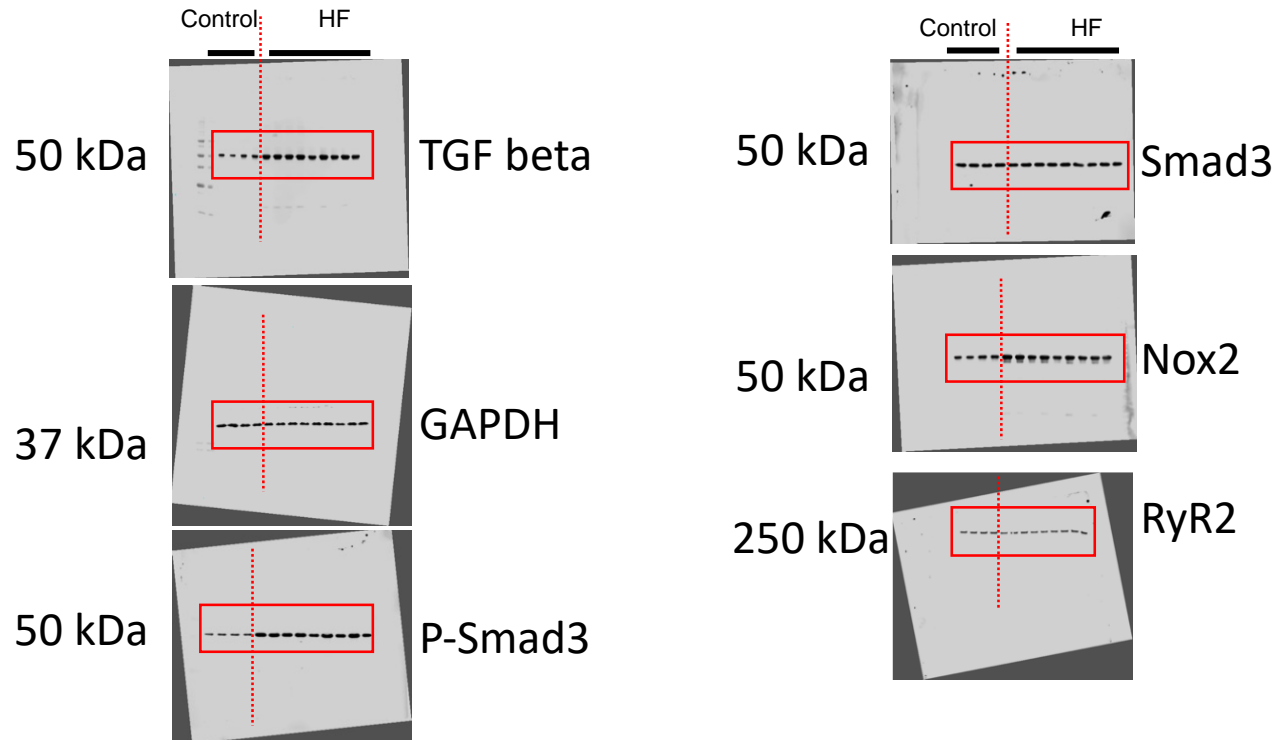


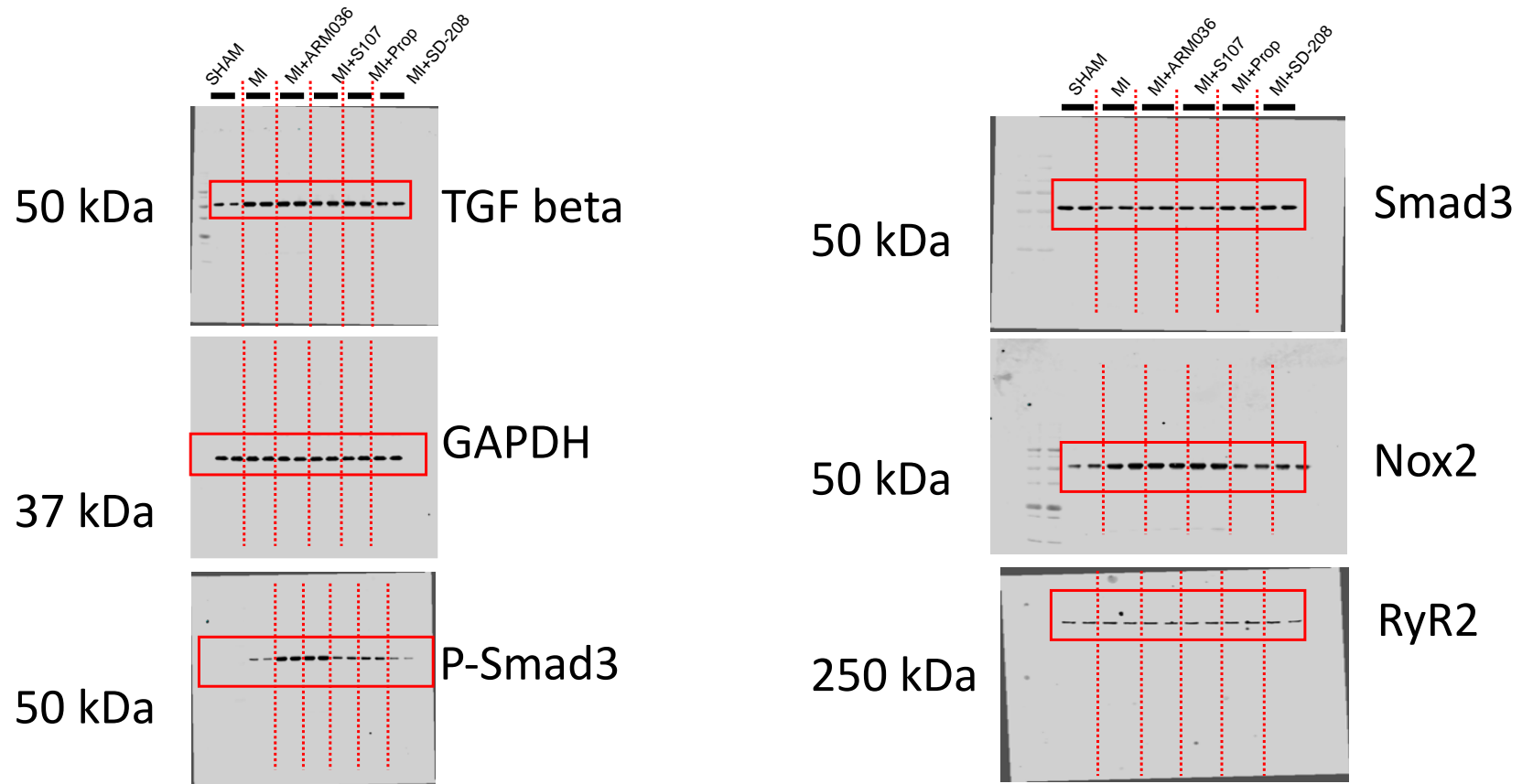
ED_Fig4A

Human tissues



ED_Fig4C

Figure S2D-mouse tissues



ED_Fig4D

| | | Sham | | | | | |
|----------|----------|----------------|------|------|-----|------|--|
| TGF beta | 1.227202 | 0.772798 | 1.05 | 0.95 | | | |
| p/Smad | 0.7 | 0.9 | 0.4 | 0.6 | 0.2 | 0.55 | |
| Nox/RyR2 | 0.5 | 0.7 | 0.4 | 0.5 | 0.1 | 0.7 | |
| | | | | | | | |
| | | MI | | | | | |
| TGF beta | 2.610166 | 2.744029 | 2.6 | 3 | | | |
| p/Smad | 4 | 3.8 | 3.6 | 3.9 | 4 | 3.1 | |
| Nox/RyR2 | 3.3 | 3.7 | 3.8 | 3.9 | 4.5 | 3.5 | |
| | | | | | | | |
| | | MI+ARM | | | | | |
| TGF beta | 2.531245 | 3.06409 | 2.8 | 2.3 | | | |
| p/Smad | 3.7 | 3.9 | 3.8 | 3.3 | 3.2 | 4.3 | |
| Nox/RyR2 | 3.8 | 3.6 | 4 | 3.7 | 3.5 | 4.3 | |
| | | | | | | | |
| | | MI+S107 | | | | | |
| TGF beta | 2.056848 | 2.054783 | 2.5 | 2.2 | | | |
| p/Smad | 1.6 | 1.8 | 2.2 | 1.8 | 1.5 | 2.7 | |
| Nox/RyR2 | 3.5 | 3.8 | 2.5 | 2.9 | 3.5 | 2.6 | |

| | | Prop | | |
|-----------------|----------|-------------|-----|-----|
| TGF beta | 2.650686 | 1.889506 | 2 | 2.3 |
| p/Smad | 1.9 | 2 | 2.2 | 1.8 |
| Nox/RyR2 | 1.3 | 1.1 | 1.6 | 1.3 |

| | | SD | | |
|-----------------|----------|-----------|-----|------|
| TGF beta | 1.329647 | 1.374367 | 1.1 | 1.45 |
| p/Smad | 0.7 | 0.6 | 0.6 | 0.8 |
| Nox/RyR2 | 1.3 | 1.2 | 1.5 | 1 |