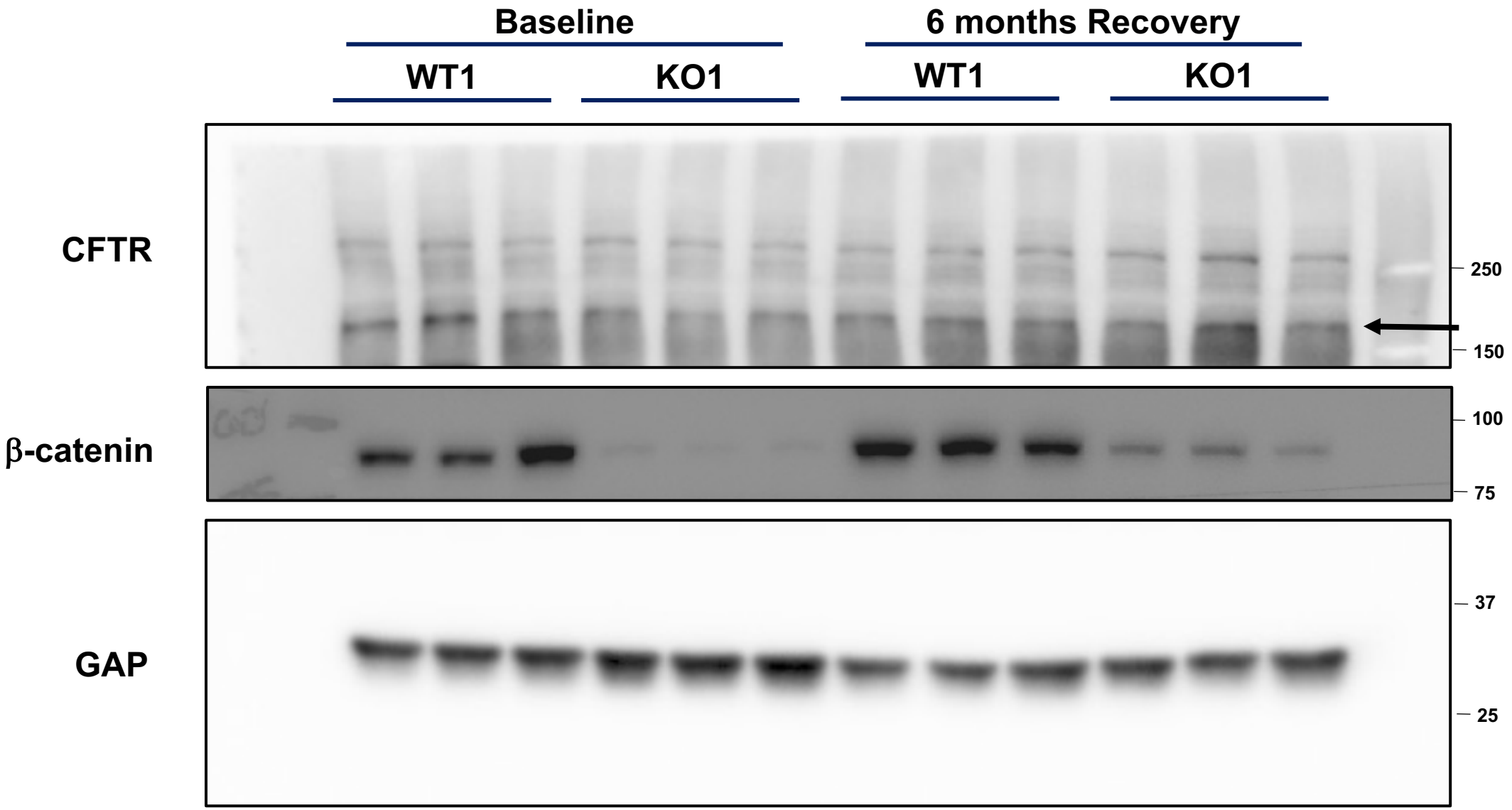Figure 8-figure supplement 1