



**Supplementary Fig. 2** Western blot analysis of the same blot shown in Supplementary Fig. 1 re-probed with mouse monoclonal antibody to  $\alpha$ -tubulin (as a loading control) followed by goat anti-mouse HRP-conjugated secondary antibody. Protein bands were visualized using ECL chemiluminescence reagent in a Bio-Rad Molecular Imager. \*An additional lane is a duplicate of lane 3, WT under reducing ( $\beta$ -mercaptoethanol) conditions. Note that weak CaSR signal is from previous exposure to FLAG-tag antibody.