**SUPPLEMENTAL FIGURE LEGENDS**

**Figure Supp 1-** **Multiple Homer isoforms are expressed in primary human osteoblasts.** Primary human osteoblasts from three independent donors (d1-d3) were cultured in 10% DMEM for 48 h and lysed. Equal amounts of total cell protein were then analysed by western blot for Homer1a, Homer1, Homer2, Homer-3 or -tubulin(loading control).

**Figure Supp 2- Decreased Homer2 protein levels were associated with overexpressed levels of Homer1 protein in the long bones of CaSR(-/-) mice.** Western blot for Homer1, Homer2 or -actin (loading control) of protein extracted from the long bones of wild type (+/+), heterozygous (+/-) or CaSR deficient (-/-) mice.

**Fig Supp 1**

**Table

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**Fig Supp 2**

**A picture containing graphical user interface

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