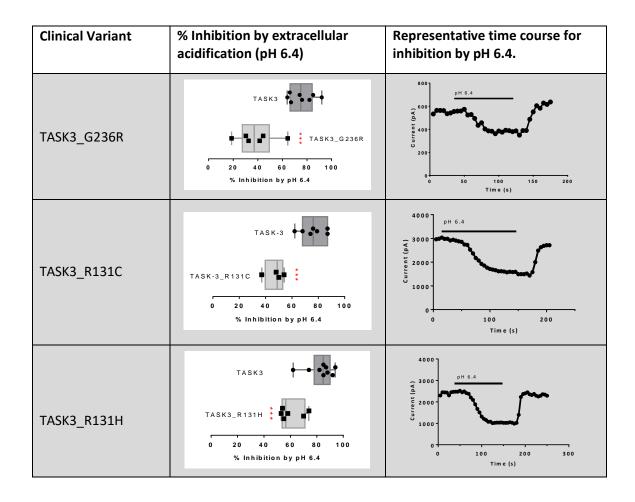
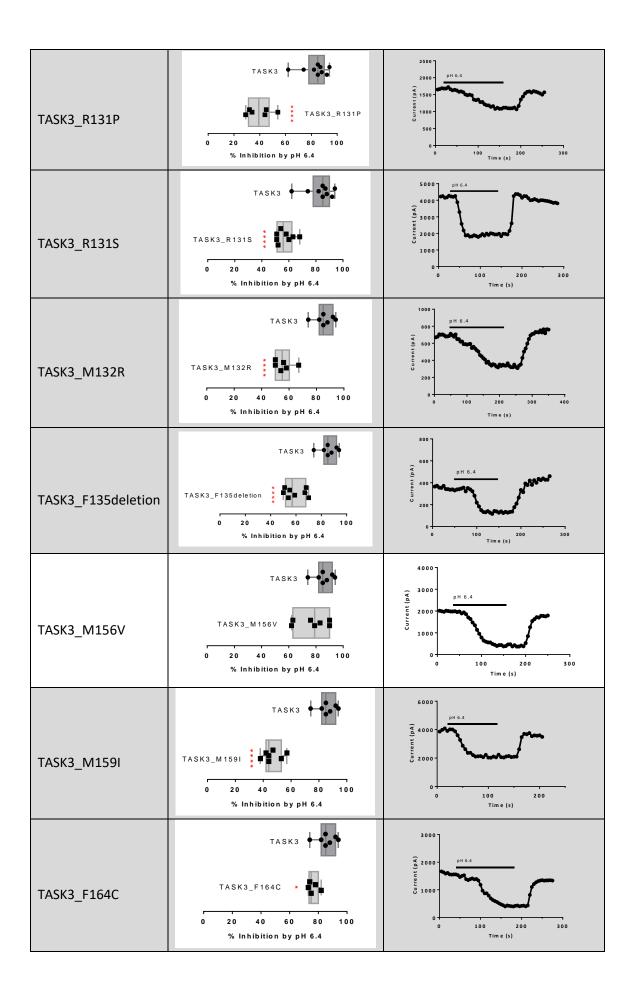
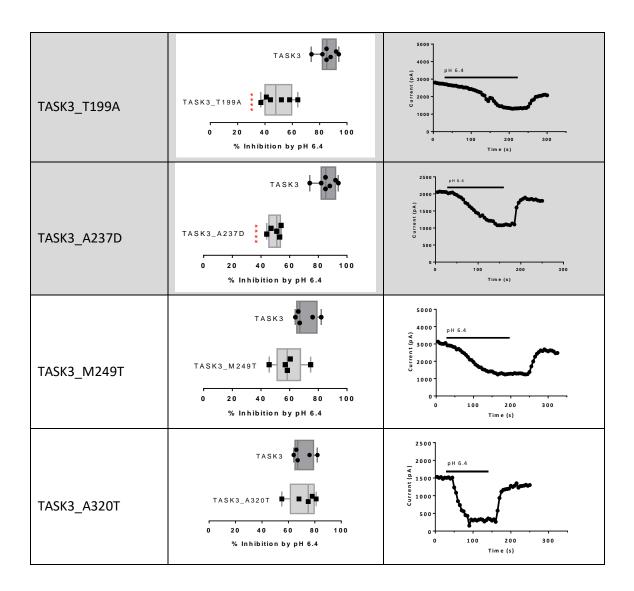
Gain and loss of TASK3 channel function and its regulation by novel variation cause *KCNK9* imprinting syndrome

Additional file 8

Table S4: A comparison of inhibition by extracellular acidification (pH 6.4) between TASK3 clinical variants and WT controls. Inhibition of current by pH 6.4 is calculated as the difference of current measured at pH 7.4, with that measured after exposure to pH 6.4, expressed as a percentage (%), displayed as a Box and Whiskers plot. Bars represent the min and max inhibition and lines the median inhibition, for each channel type. Points represent the individual data points. Sensitivity to extracellular acidification is represented in an exemplar time course plot demonstrating the effect of changing from an extracellular solution at pH 7.4, to one at pH 6.4 (black line). Each point is a 5 second (s) average of the difference current between that at -40 mV and that at -80 mV.







*p<0.05, **p<0.01, ***p<0.001 and ****p<0.0001 for between group differences determined using an unpaired Student's t-test. Boxes highlighted light blue represent a significant increase in sensitivity to extracellular acidification, whilst grey highlighted boxes represent a significant decrease in sensitivity and white highlighted boxes signify no recorded change in sensitivity from WT.