Supplemental figure 1: A. X-ray of the right femur of patient V-9 at seven months of age demonstrating periosteal reaction along the medial cortex (arrow). B. T1 weighted MRI images of the thighs and pelvis (E) of patient V-4 when one year-old showing diffuse abnormal low signal in both femoral bones (f) and ileac wings (i). C. Coronal reformatted image of the abdominal CT scan of patient V-11 at 8 months of age demonstrating abnormally enlarged kidneys (k), measuring 7.5 cm each. D. Axial CT image at the level of skull base of patient V-4 at one year of age, demonstrating wide and homogeneously sclerotic bones with obliteration of the diploic space.