Supplemental figure legends

Figure S1. QPCR analysis of the expression of *HOXA* and *HOXB* genes in malignant B cells. Expression of each *HOXA* and *HOXB* genes in the panel of myeloma cell lines was determined by semi-quantiative PCR. Expression is shown as a ratio to GAPDH expression.

Figure S2. QPCR analysis of the expression of *HOXC* and *HOXD* genes in malignant B cells. Expression of each *HOXC* and *HOXD* genes in the panel of myeloma cell lines was determined by semi-quantiative PCR. Expression is shown as a ratio to GAPDH expression. Note: the scale for the *HOXC* graph is much higher than the others, while the *HOXD* graph is much smaller.

Figure S.3. Morphology of malignant B cells treated with HXR9. Representative differential interference contrast (DIC) images of cells treated with 50 μM CXR9 (left) or HXR9 (right) for 48h. Data are representative of two independent experiments and correspond to data shown in Figure 2B.

Figure S.4. Morphology of IM-9 cells showing the effects of caspase inhibition and iron supplementation on the cytotoxicity of HXR9 and its combination with ch128.1Av. Representative differential interference contrast (DIC) images of IM-9 cells treated with 2.5 nM ch128.1Av, 20 μM HXR9, or their combination alone, pre-treated with 50 μM ZVAD for 1 hour, or treated simultaneously with 25 μM FAC. Data are representative of two independent experiments and correspond to the data shown in Figure 6.