

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Significantly regulated genes detected by mass spectrometry of WM3734 cells treated with 10 μ M Cpd1 for 72 h. Related to Figure 3.

File Name: Supplementary Data 2

Description: Significantly regulated genes detected by RNAseq of cells treated with Cpd1 (WM3734 and CSM152 cells, 10 μ M Cpd 1 for 72 h,) or doxycycline (WM3734Tet3G-KDM5B cells, 10 ng/ml for 24 h, 48 h or 72 h). Related to Figure 3, 4 and Supplementary Figure 8.

File Name: Supplementary Data 3

Description: Significantly regulated genes detected by RNAseq of cells treated with Cpd1 (WM3734 and CSM152 cells, 10 μ M for 12 h, 24 h and 48 h). Related to Supplementary Figure 8.

File Name: Supplementary Movie 1

Description: Live cell imaging of WM3734 cells treated with DMSO as control over 5 days. Related to Figure 3.

File Name: Supplementary Movie 2

Description: Live cell imaging of WM3734 cells treated with 10 μ M Neg4 as control over 5 days. Related to Figure 3.

File Name: Supplementary Movie 3

Description: Live cell imaging of WM3734 cells treated with 10 μ M Cpd1 over 5 days. Related to Figure 3.