**Supplementary Figure Legends.**

**Supplementary Figure 1.** Basal BRD2, 3 and 4 protein expression in 20 CRC cell lines.

**Supplementary Figure 2.** BRD2, 3 and 4 protein expression determined by IHC in 5 primary CRC’s.

**Supplementary Figure 3.** Biomarkers of response to JQ1 in CRC lines. Cell lines dichotomized according to microsatellite instability (MSI) status, CpG island methylator phenotype (CIMP status), *TP53, KRAS/BRAF* or *PIK3CA/PTEN* mutation status, and *c-MYC* gene amplification status. Box and Whiskers plots are of maximum and minimum values and groups were compared using a Mann-Whitney test. Bottom panels show the correlation between BRD2, 3 and 4 protein expression computed from densitometric analysis of the western blots shown in Supplementary Figure 1 and JQ1 response.

**Supplementary Figure 4.** Basal MYC (A) mRNA and (B) protein expression in 20 CRC cell lines. Correlation of c-MYC (C) mRNA and (D) protein with JQ1 response.