**Supplemental Figure 2 Materials and Methods**

Protein A immunoprecipitations (100 µl) containing 600 µg of whole cell extract, 25 µl of IgG sepharose (Amersham), and IP buffer (50 mM Tris pH 7.5, 1 mM EDTA, 10% glycerol, 0.05% Tween 20, 150 mM NaCl, protease inhibitor cocktail), were rotated at 4°C for 4 hours. Precipitates were recovered, washed three times with IP buffer containing 250 mM NaCl, and eluted with 30 µl of 4X SDS sample buffer.

**Supplemental Figure 2 Legend.**

Supplemental Figure 2. Set1 derivatives bearing RRM mutations are assembled into the COMPASS complex. SET1/COMPASS complex from YBC1720 (set1ΔBRE2.TAP) transformed with WT Set1 (p1067), ΔRRM (p1377), Set1 VYL295-297AAA, A293T (p1375), and Set1 VYL295-297DDD (p1376), or YBC1236 (set1Δ, untagged, p1067) was immunoprecipitated from whole cell extract with IgG sepharose. Immune precipitates were eluted with SDS sample buffer, and half of the eluate was loaded onto a 7.5% acrylamide SDS-PAGE gel, transferred to PVDF, and probed for Set1 protein with anti-Flag antibody.