

**Supplementary Figure 3.** MiRNA/target anticorrelation in MM. Significant negative correlation of *ACVR1* mRNA with (A) *miR-301a* and (B) *miR-301b* levels. The spots represent mature miRNA expression (scale on left-sided vertical axis), and the grey bars represent target gene expression (scale on right-sided vertical axis) in the dataset of 36 primary myeloma and 18 pPCL patients. Horizontal axis: patient samples ordered according to increasing miRNA expression. (C) Luciferase assay showing decreased luciferase activity in cells transfected with pre-miR-301a and pre-miR-301b compared to cells transfected with pre-miR negative control. All experiments were performed in triplicate. Results were plotted as relative luciferase activity mean  $\pm$  standard deviation.

