

Supplementary Figure 1: Sequencing comparison of overexpressed pEGFP-CRTC2 vectors.

Sequencing comparison of overexpressed pEGFP-CRTC2 vectors. The figure displays multiple sequence alignments of CRTC2-CD5 and CRTC2-CD6 regions across various constructs. The sequences are presented in a grid format, with each row representing a different construct and each column representing a specific nucleotide position. The constructs include pEGFP-CRTC2, CRTC2-CD5, and CRTC2-CD6. The sequences are color-coded to highlight differences between the constructs. The figure is organized into two main sections, A and B, each showing a different set of constructs and their corresponding sequences.

Supplementary Figure 2: A: Gray scale analysis of proteins overexpressing CRTC2. B: Protein grayscale analysis of Si-CRTC2. C: Protein grayscale analysis of the effect of overexpression of CRTC2 on the expression of lipid metabolism marker genes. D: Protein grayscale analysis of the effect of Si-CRTC2 on the expression of lipid metabolism marker genes.

