

**Supplementary Figure/Movie 1.** Knockdown of SmgGDS expression augments BCH domain-mediated PC12 cells differentiation. PC12 cells were transfected with BCH and pSilencer -ve ctrl (BCH+neg) (left panel) or BCH and pSilencer rS1 (BCH+rS1) (right panel), made quiescent, subjected to 100 ng/mL EGF stimulation and imaged every 30 minutes for 36 hours. Individual time point images were converted to a movie using ImageJ.