Aim to elucidate roles of IGF-1R/β-arrestin1 signaling in cellular transformation.

Introduction

1. β-arrestin1 is critical for HRasV12-induced transformation
(a) Generation of MEF WT and β-арrestин1 knockout cells that are stably transfected with oncogenes

Results

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(a) Generation of MEF WT and β-арrestин1 knockout cells that are stably transfected with oncogenes

Fig. 3. The interaction between β-arrestin1 and HRasV12

Fig. 4. Roles of β-arrestin1 and HRasV12 in malignancy of T24 cells

(a) Colony formation

Conclusion

β-arrestin1-mediated IGF-1R signaling is critical for the Ras-induced transformation of mammalian cells

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