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Feedback regulation in cell signalling: lessons for cancer therapeutics.

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Abbreviations

MST2: Mammalian STE20-like protein kinase 2

Raf-1: v-raf-1 murine leukemia viral oncogene homolog 1

MEK: Mitogen-Activated Protein Kinase/ Extracellular signal-Regulated Kinase Kinase

ERK: Extracellular signal-Regulated Kinase

LATS1: Large Tumor Suppressor Kinase 1

RKIP: Raf Kinase Inhibitor Protein

RSK: p90 Ribosomal S6 Kinase 2

IEGs: Immediate Early Genes

DUSPs: Dual Specificity Phosphatases

IRS: Insulin Receptor Substrates

mTORC1: Mammalian Target of Rapamycin Complex 1

Akt: Protein Kinase B (PKB)

PI3K: Phosphoinositide 3-kinase

FOXO: Forkhead box O

Gab1: GRB2-Associated Binding Protein 1

SOS: Son of Sevenless

Cdk: Cyclin-Dependent Kinase

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