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Mechanisms of Epidermal Growth Factor Receptor Signaling as
Characterized by Patterned Ligand Activation and Mutational Analysis

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Abbreviations: EGFR, epidermal growth factor receptor; EGF, epidermal growth factor; MAP kinase, mitogen-activated protein kinase; PIP₂, phosphatidylinositol-4,5-bisphosphate; Mut R1-6, EGFR mutant with six residues mutated to alanines in the juxtamembrane segment; PLC_γ-1, phospholipase C_γ-1.

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