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Chromosomal localization of four MAPK signaling cascade genes: MEK1, MEK3, MEK4 and MEKK5

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Abstract: The mitogen-activated protein kinase (MAPK) signaling cascade is one of the most important mechanisms for the cytoplasmic transduction of extracellular signals. We report the chromosomal localization of the human MEK1, MEK3, MEK4 and MEKK5 genes, involved in the MAPK cascade. Using radiation hybrid mapping, MEK1 was assigned to chromosome 15q22.1-->q22.33, MEK3 to chromosome 17q11.2, MEK4 to chromosome 17p12 and MEKK5 to chromosome 6q22.33.

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