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Antagonistic regulation of intercellular cohesion by plakophilins 1 and 3

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Short title: Antagonistic roles of PKP1 and 3

Abbreviations:

PKP, plakophilin; DSP, desmoplakin; DSG, desmoglein; DSC, desmocollin; PG, plakoglobin; AJ, adherens junctions; KO, knockout; WT, wild type; EDSFS, ectodermal dysplasia-skin fragility syndrome; LCM, low calcium medium; HCM, high calcium medium; PKC α , Protein kinase C alpha; FRAP, Fluorescence recovery after photobleaching

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