

Polydopamine-Laced Biomimetic Material Stimulation of Bone Marrow Derived Mesenchymal Stem Cells to Promote Osteogenesis

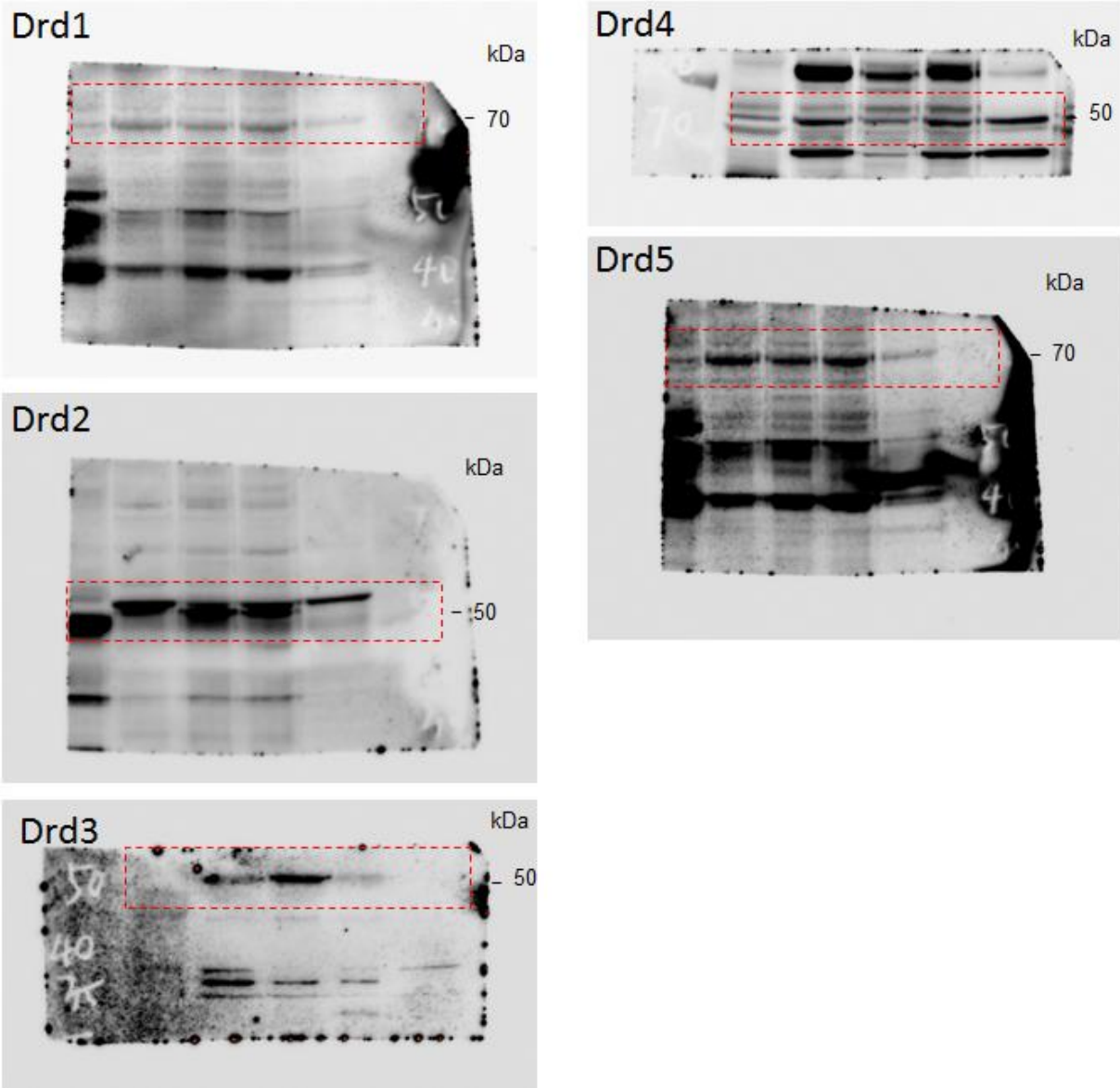
Dong Joon Lee¹, Yan-Ting Lee¹, Rui Zou¹, Renie Daniel², and Ching-Chang Ko^{1,3*}

¹Oral and Craniofacial Health Sciences Research, School of Dentistry, University of North Carolina, CB #7455, Chapel Hill, NC 27599, USA

²Department of Oral and Maxillofacial Surgery, School of Dentistry, University of North Carolina, CB #7454, Chapel Hill, NC 27599, USA

³Department of Orthodontics, School of Dentistry, University of North Carolina, CB #7454, Chapel Hill, NC 27599, USA

Supplementary Figure S1



Western Blot analysis of DA receptors expressed on the rMSCs during osteogenic differentiation (From the left lane, mouse brain as control, 0, 4, 7, and 14 days). Each loading was normalized by beta actin (not shown here). The relative molecular weights of each DA receptor were labelled on the right side of the blot image.