Accepted Manuscript

Rho GTPase protein Cdc42 is critical for postnatal cartilage development

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PII: S0006-291X(16)30111-5

DOI: 10.1016/j.bbrc.2016.01.111

Reference: YBBRC 35228

To appear in: Biochemical and Biophysical Research Communications

Received Date: 12 January 2016

Accepted Date: 18 January 2016

Please cite this article as: R. Nagahama, A. Yamada, J. Tanaka, R. Aizawa, D. Suzuki, H. Kassai, M. Yamamoto, K. Mishima, A. Aiba, K. Maki, R. Kamijo, Rho GTPase protein Cdc42 is critical for postnatal cartilage development, *Biochemical and Biophysical Research Communications* (2016), doi: 10.1016/j.bbrc.2016.01.111.

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ACCEPTED MANUSCRIPT

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11	
12	Keywords:
13	Cdc42, cartilage, Col2-CreERT transgenic mice
14	
15	Abbreviations: Col2; type II collagen, Col10; type X collagen, MMP13; matrix
16	metalloproteinase 13, R26R mice; ROSA26 reporter mice, PZ; proliferating zone, HZ;
17	hypertrophic zone, PCR; polymerase chain reaction, P; postnatal day, E; embryonic day, H-E;
18	hematoxylin-eosin, lacZ; β -galactosidase
19	
20	Abstract
21	Cdc42, a small Rho GTPase family member, has been shown to regulate multiple cellular
22	functions in vitro, including actin cytoskeletal reorganization, cell migration, proliferation, and

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