

(Supplementary information)

**Metabolites can regulate stem cell behavior through
the STAT3 / AKT pathway in a similar trend to that
under hypoxic conditions**

Gun-Jae Jeong[‡], Donglim Kang[‡], Ae-Kyeong Kim, Kyu-Hyun Han, Hye Ran Jeon, Dong-ik Kim^{*}.

Division of Vascular Surgery, Samsung Medical Center, Sungkyunkwan University School of
Medicine, Republic of Korea

[‡] Authors whom contributed equally this work.

***Author to whom the correspondence should be addressed:**

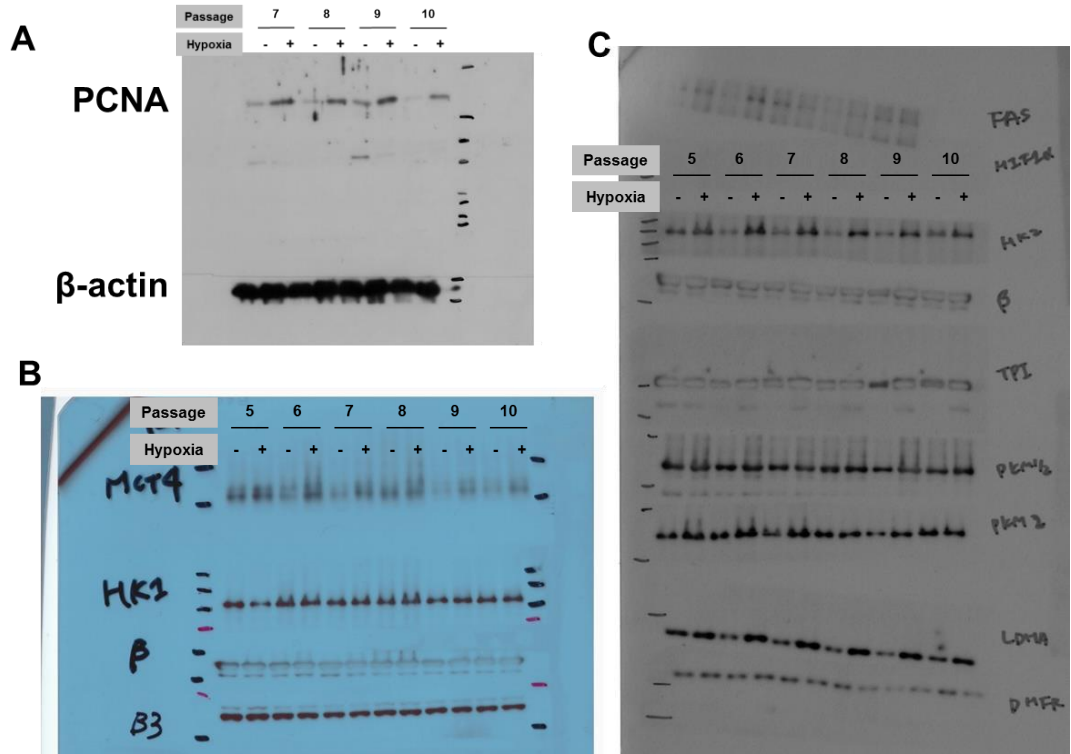
Dong-ik Kim, M.D., Ph.D. Division of Vascular Surgery, Samsung Medical Center, 81
Irwonro, Gangnam-gu, Seoul 06351, Republic of Korea. TEL: +82-2-3410-3467, FAX: +82-

2-

3410-0040,

E-mail: dikim@skku.edu (D.-I. Kim).

Supplementary Figure 1. Original developed image for western blot analysis. (A) For figure 1. B and (B), (C) for figure 1. D.



Supplementary Figure 3. Original developed image for western blot analysis for Figure 5.

