

MicroRNA-143 is critical regulator of cell cycle activity in stem cells with co-overexpression of Akt and angiopoietin-1 *via* transcriptional regulation of Erk5/Cyclin D1 signaling

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Supplementary Table-I: List of the primers.

Rat GAPDH (457bp)	forward=5'TTCTTGTGCAGTGCCAGCCTCGTC3' reverse=5'TAGGAACACGGAAGGCCATGCCAG3'
Human Akt (457bp)	forward=5'TGGACCACTGTCATCGAACGCACC3' reverse=5'CGTTGGCGTACTCCATGACAAAGC3'
Human Ang-1 (378bp)	forward=5'CGGTGAATATTGGCTGGGGAATGAG3' reverse=5'GTAGTGCCACTTTATCCCATTGAG3'

Supplementary Table-II: List of Primary and secondary antibodies used.

Antibody	Supplier	Secondary antibody	Supplier	Application
Rabbit anti Akt	Cell signaling	AF-488 anti-rabbit	BD Pharmingen	IHC
Mouse anti-Ang-1	Sigma	AF-546 goat-anti mouse	Invitrogen	IHC

anti pTh24 FOXO1	Santa Cruz	AF-546 goat anti rabbit	Invitrogen	IHC
pTh24 FOXO1	Santa Cruz	AF-546 goat anti rabbit	Invitrogen	IHC
anti-Cyclin D1	Cell Signalling	AF-546 goat anti-rabbit	Invitrogen	IHC
anti-BrdU	BD Bioscience	AF-488 goat anti-mouse	Invitrogen	IHC
anti-Ki67	Abcam	AF-488 goat anti-mouse	Invitrogen	IHC
PE-Cy5 anti Rat CD45	Abcam			Flow cytometry
FITC anti Rat CD29	BD Pharmingen			Flow cytometry
FITC anti Rat CD90	BD Pharmingen			Flow cytometry
FITC Isotype Control	BD Pharmingen			Flow cytometry
Rabbit anti pAkt	Cell Signaling	HRP-Horse anti Rabbit	GE Healthcare	WB
Rabbit anti Total Akt	Cell Signaling	HRP-Horse anti Rabbit	GE Healthcare	WB
Anti-Ang-1	Sigma	HRP-Horse anti Mouse	GE Healthcare	WB
Anti-Cyclin D1	Cell Signaling	HRP-Horse anti Rabbit	GE Healthcare	WB
Rabbit anti FOXO1	Cell Signaling	HRP-Horse anti Rabbit	GE Healthcare	WB
pSer256 FOXO1	Cell Signaling	HRP-Horse anti Rabbit	GE Healthcare	WB

AF: AlexaFluor; HRP: Horseradish peroxidase; IHC: Immunohistochemistry, WB: Western Blot.