

## Major Resources Table

In order to allow validation and replication of experiments, all essential research materials listed in the Methods should be included in the Major Resources Table below. Authors are encouraged to use public repositories for protocols, data, code, and other materials and provide persistent identifiers and/or links to repositories when available. Authors may add or delete rows as needed.

### Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex	Persistent ID / URL
Klotho	MMRCC	B6;129S5-Kltm1Lex/Mmucd	M, F	

### Genetically Modified Animals

	Species	Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male					
Parent - Female					

### Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL
$\beta$ -Catenin (IF)	Abcam	ab16051	1:200		
Sclerostin (IF)	Abcam	ab85799	1:50		
Runx2 (IF)	Santa Cruz	sc-10758	1:200		
Osteomodulin (IF)	Santa Cruz	sc-271102	1:100		
Osteopontin (IF)	Santa Cruz	sc-10593	1:100		
Cadherin-11 (IF)	Thermo Scientific	#71-7600	1:400		
pHH3 (IF)	Millipore	#06-570	1:300		
C/EBP $\beta$ (IF)	Abcam	ab53138	1:50		
GAPDH (western blotting)	Cell Signaling	#2118S	1:2000		
Osteomodulin (western blotting)	Santa Cruz	sc-271102	1:1000		
Active $\beta$ -Catenin (western blotting)	Millipore	#05-665	1:500		
$\beta$ -Catenin (western blotting)	Cell Signaling	#8480S	1:500		
C/EBP $\beta$ (western blotting)	Santa Cruz	sc-7962	1:500		
AXIN1 (western blotting)	Cell Signaling	#2087S	1:500		
XPO1/CRM1 (western blotting)	Santa Cruz	sc-74454	1:500		
Lamin A/C (western blotting)	Cell Signaling	#4777S	1:1000		
$\beta$ -Tubulin (western blotting)	Cell Signaling	#2128S	1:1000		

### DNA/cDNA Clones

Clone Name	Sequence	Source / Repository	Persistent ID / URL
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DOI [to be added]


**Cultured Cells**

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL

**Data & Code Availability**

Description	Source / Repository	Persistent ID / URL

**Other**

Description	Source / Repository	Persistent ID / URL