

SUPPLEMENTARY TABLE S1. COLLAGEN I SOURCES AND SOLUBILIZATION METHODS

<i>Source</i>	<i>Manufacturer (if applicable)</i>	<i>Solubilization</i>	<i>Solvent of final solution</i>	<i>Stock collagen concentration</i>	<i>Reference(s)</i>
Bovine Dermis	Advanced BioMatrix (Vitrogen 100/ PureCol)	Pepsin digestion	0.01–0.012 N HCl	~ 3 mg/mL	12, 16, 19, 27, 29, 53, 59, 63, 64, 67, 72, 74, 75
	Roche (Collagen S) Sigma	0.5 M acetic acid Acid-salt precipitation	Unknown 0.01 M HCl	Unknown n/a (lyophilized)	14 12, 60
	Organogenesis Sigma	Unknown acid Sodium phosphate precipitation	Unknown 0.01 M HCl	2.2 mg/mL 10 mg/mL	55, 65 36, 99
Porcine Dermis	In-house extraction	HCl + NaN <sub>3</sub> , pepsin digestion	0.5 M (3%) acetic acid	10 mg/mL	30
	In-house extraction	Acid-salt precipitation	0.01 M HCl	n/a (lyophilized)	12, 66, 76
Tendon	Nitta Gelatin, Inc. (Cellmatrix Type 1-A)	Unknown acid	Unknown	3 mg/mL	13
	In-house extraction	NaCl + HCL, pepsin digestion	0.01 N acetic acid	n/a (lyophilized)	99
Rat tail Tendon	BD Biosciences “low concentration”	0.5 M acetic acid	0.01–0.02 M acetic acid	3–4 mg/mL	51, 57, 58, 61, 67, 73, 77, 80
	BD Biosciences “high concentration”	0.5 M acetic acid	0.01–0.02 M acetic acid	8–11 mg/mL	12, 21, 26, 34, 41, 43, 47–49, 56, 78
	Sigma	0.1 M acetic acid	0.1 M acetic acid	2 mg/mL	71
	In-house extraction	0.1% acetic acid	0.1% acetic acid	8–30 mg/mL	44
	In-house extraction	Unknown acid	0.017 M (0.1%) acetic acid	10 mg/mL	40
	In-house extraction	Acid-salt precipitation with 0.5 M acetic acid	0.5 M acetic acid	0–500 mg/mL	50
	In-house extraction	Acid-salt precipitation and pepsin digestion	0.005 M acetic acid	0.20–0.21 mg/mL	79
	In-house extraction	Acid-salt precipitation and pepsin digestion	0.5 M acetic acid	2 mg/mL	38, 100
	In-house extraction	0.5 M acetic acid	0.02 M acetic acid	5 mg/mL	21
	In-house extraction	0.5 M acetic acid	HCl	4.29 mg/mL	28
	In-house extraction	0.02 M acetic acid	0.02 M acetic acid	1.4–44 mg/mL	35, 54, 70
	In-house extraction	Acid-salt precipitation	Unknown	5 mg/mL	15
	In-house extraction	0.01 M HCl	0.01 M HCl	12–20 mg/mL	52