

## ***Supplementary Material***

**Table S1. Summary of donor information**

<b>No.</b>	<b>Patient ID</b>	<b>Age</b>	<b>Sex</b>	
<b>1</b>	082218	66	Female	Female Average  Age: 69.25
<b>2</b>	080718	67	Female	
<b>3</b>	020619	75	Female	
<b>4</b>	121019	69	Female	
<b>5</b>	110117	66	Male	Male Ave  Age: 68.75
<b>6</b>	073118	67	Male	
<b>7</b>	082118	72	Male	
<b>8</b>	011920	70	Male	

**Table S2. Primer sequences used for qRT-PCR.**

<i>SOX9(F)</i>	<i>GGCGGAGGAAGTCGGTGAAGAA</i>
<i>SOX9(R)</i>	<i>GCTCATGCCGGAGGAGGAGTGT</i>
<i>COL2(F)</i>	<i>GGATGGCTGCACGAAACATACCGG</i>
<i>COL2(R)</i>	<i>CAAGAAGCAGACCGGCCCTATG</i>
<i>AGG(F)</i>	<i>AGTCACACCTGAGCAGCATC</i>
<i>AGG(R)</i>	<i>AGTTCTCAAATTGCATGGGGTGTC</i>
<i>COL10(F)</i>	<i>CCCTCTTGTTAGTGCCAACC</i>
<i>COL10(R)</i>	<i>AGATTCCAGTCCTTGGGTCA</i>
<i>NF-kB(F)</i>	<i>AACAGAGAGGATTTCGTTTCCG</i>
<i>NF-kB(R)</i>	<i>TTTGACCTGAGGGTAAGACTTCT</i>
<i>IL-6(F)</i>	<i>ACTCACCTCTTCAGAACGAATTG</i>
<i>IL-6(R)</i>	<i>CCATCTTTGGAAGGTTCAAGTTG</i>
<i>MMP13(F)</i>	<i>ATGCAGTCTTTCTTCGGCTTAG</i>
<i>MMP13(R)</i>	<i>ATGCCATCGTGAAGTCTGGT</i>
<i>RPL13a(F)</i>	<i>CATAGGAAGCTGGGAGCAAG</i>
<i>RPL13a(R)</i>	<i>GCCCTCCAATCAGTCTTCTG</i>