

**Table S1.** Comparison between chemical shifts between overlapping areas of the three amelogenin fragments employed in the present study

<b>HSQC</b>	<b>N-domain</b>	<b>M-domain</b>	<b>C-domain</b>
<b>Y34</b>	H7.8 ppm N122 ppm	H7.8 ppm N123 ppm	
<b>Y37</b>	H7.97 ppm N121.2 ppm	H7.97 ppm N121.3 ppm	
<b>Y39</b>	H7.8 ppm N119.6 ppm	H7.8 ppm N119.8 ppm	
<b>H91</b>		H8.2 ppm N118.2 ppm	H8.1 ppm N119 ppm
<b>T95</b>		H8.17 ppm N118.2 ppm	H8.17 ppm N118.2 ppm
<b>T97</b>		H8.1 ppm N114.4 ppm	H8.1 ppm N114.2 ppm