

**Table S1.** Texture characteristics test results for different gel inks.

<b>Gel ink</b>	<b>Hardness(gf)</b>	<b>Chewiness(gf)</b>	<b>Gumminess(gf)</b>	<b>Springiness</b>	<b>Cohesiveness</b>
F1	0.8498	0.8210	0.8383	0.9793	0.9865
F2	1.5250	1.4459	1.5061	0.9600	0.9876
F3	2.4639	1.9786	2.3416	0.8451	0.9505
F5	2.0155	1.9322	1.9727	0.9794	0.9787
F6	2.0923	1.6881	1.7197	0.9820	0.9481
F7	1.5237	1.4321	1.5001	0.9548	0.9845