

## **Effects of bonding intensity between hyaluronan and gelatin on chondrogenic phenotypic maintenance**

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## Support Information

Table. S1. Primer sequences for targeted genes

| Primers name | Oligonucleotide sequence (5'–3') |
|--------------|----------------------------------|
| GADPH-F      | TCGGAGTGAACGGATTGCG              |
| GADPH-R      | TTCCCGTTCTCAGCCTTGAC             |
| COL2A1-F     | TGATAAGGATGTGTGGAAGCCG           |
| COL2A1-R     | CAGGCAGTCCTTGGTGTCTTC            |
| AGG-F        | GGCCACTGTTACCGTCACTT             |
| AGG-R        | GTCCTGAGCGTTGTTGTTGAC            |
| SOX9-F       | TCTGGAGACTGCTGAACGAG             |
| SOX9-R       | CTGCCCATTCTTCACCGACTT            |
| COL10A1-F    | TCCCAGA ACCCAGAATCCATC           |
| COL10A1-R    | GGTTGTGGGCCT TTTATGCC            |

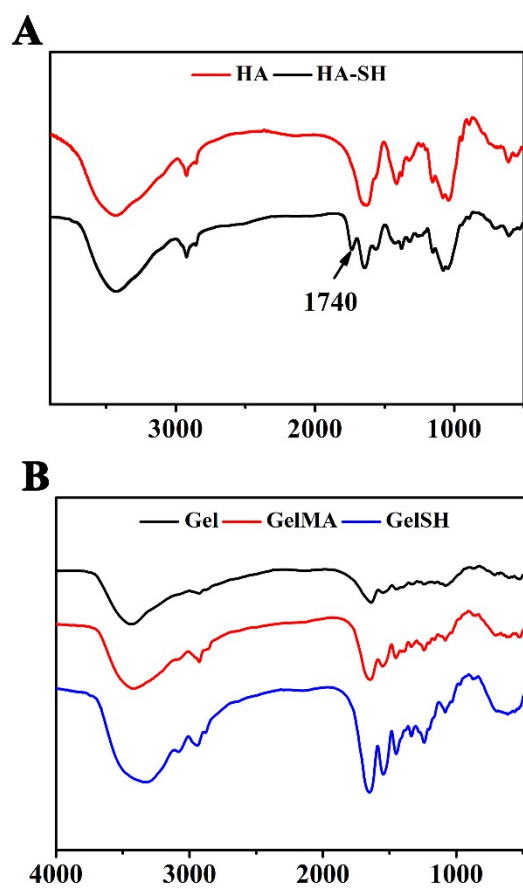


Fig. S1. FT-IR of thiolated hyaluronic acid (A) and gelatin derivatives (B).

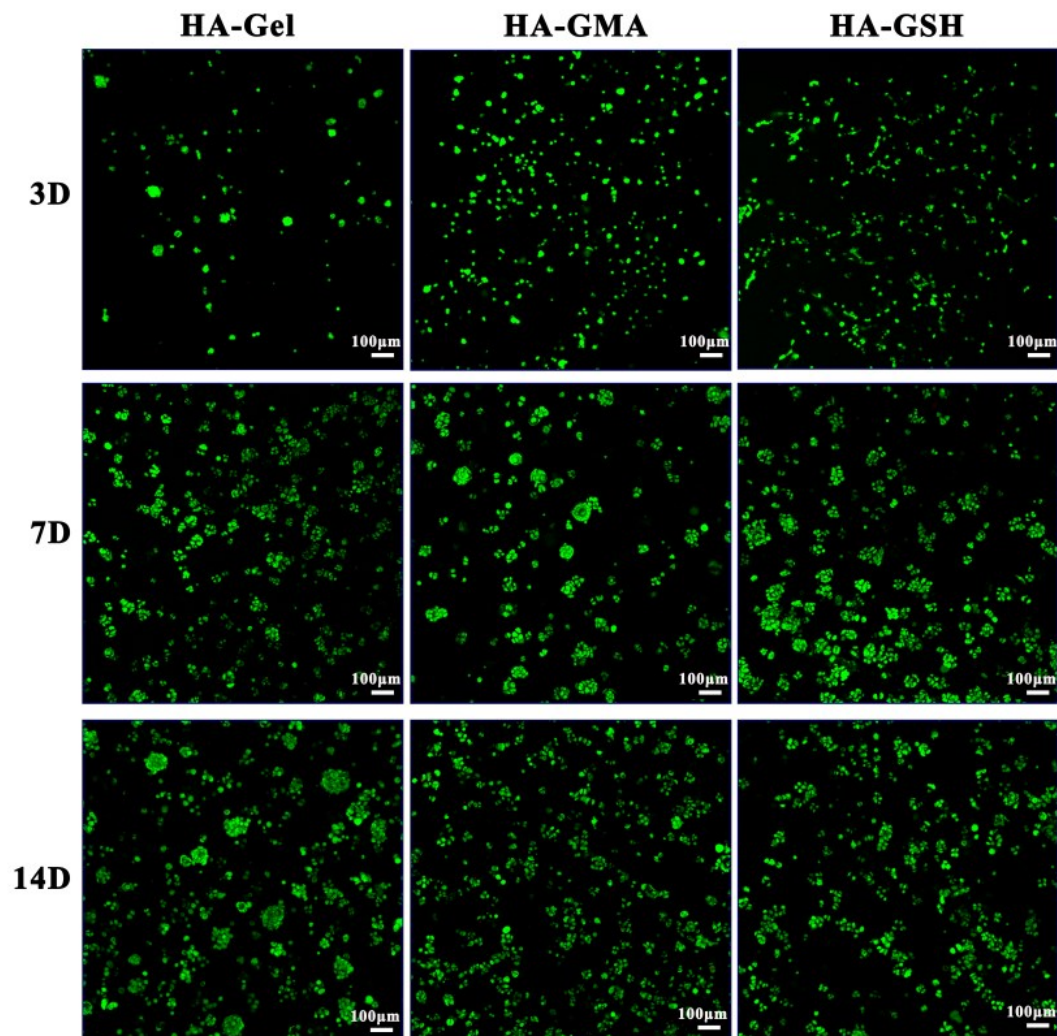


Fig. S2. FDA (green)/PI (red) staining of chondrocytes encapsulated within three hydrogels at low magnification.