## **Support Information 2**

In Fig. S2, we can observe the evolution of bone tissue inside the defect during the simulation.

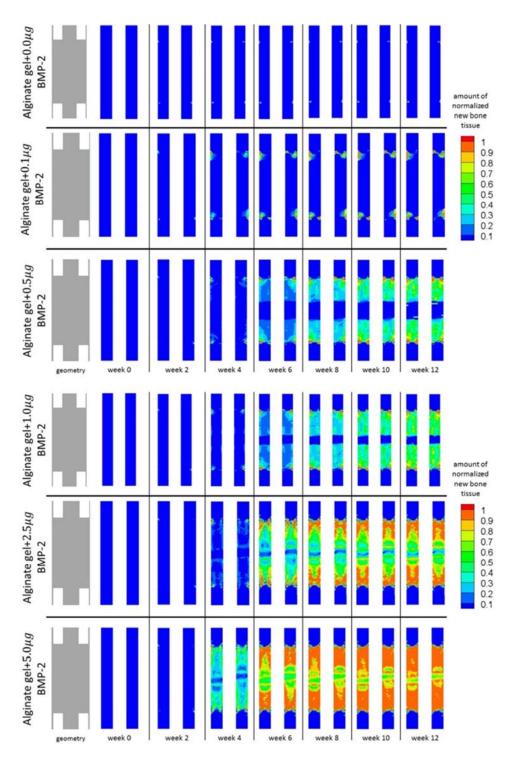


Fig. S2 – Bone distribution for several BMP-2 doses. Normalized bone tissue distribution for the BMP-2 doses tested ( $0\mu g$ ,  $0.1\mu g$ ,  $0.5\mu g$ ,  $1\mu g$ ,  $2.5\mu g$ ,  $5\mu g$ ) during the simulated period of 12 weeks