

Supplementary data

Thymoquinone loading lipid nanocapsules promising anticancer activity of colorectal cancer

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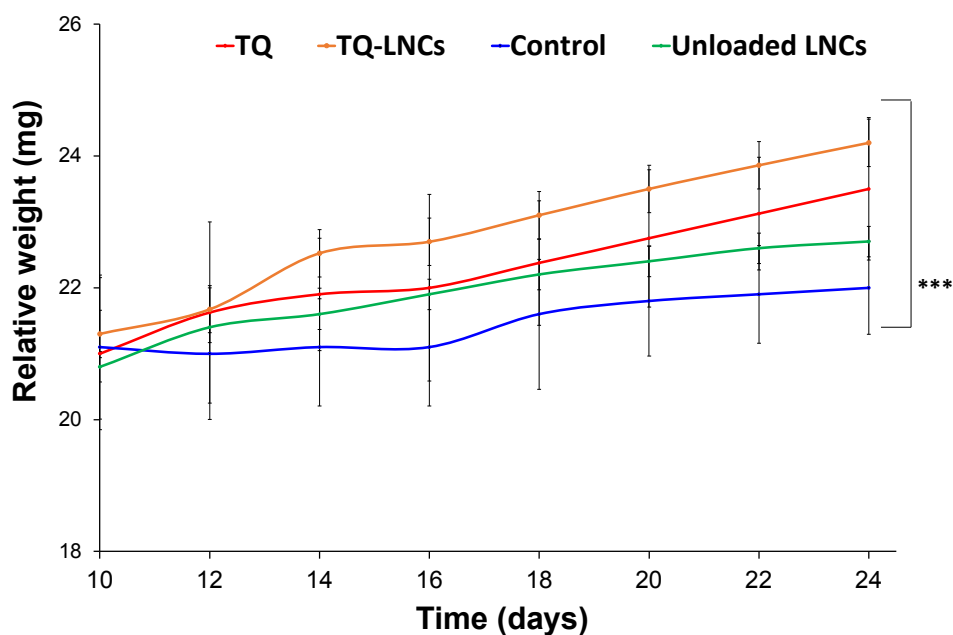


Figure S1 Relative weight of treated mice after intra-tumoral treatment with PBS (Control), unloaded LNCs, free TQ and TQ-LNCs with a dose of 5mg.kg TQ (n=6, ***: P<0.05 versus control group).

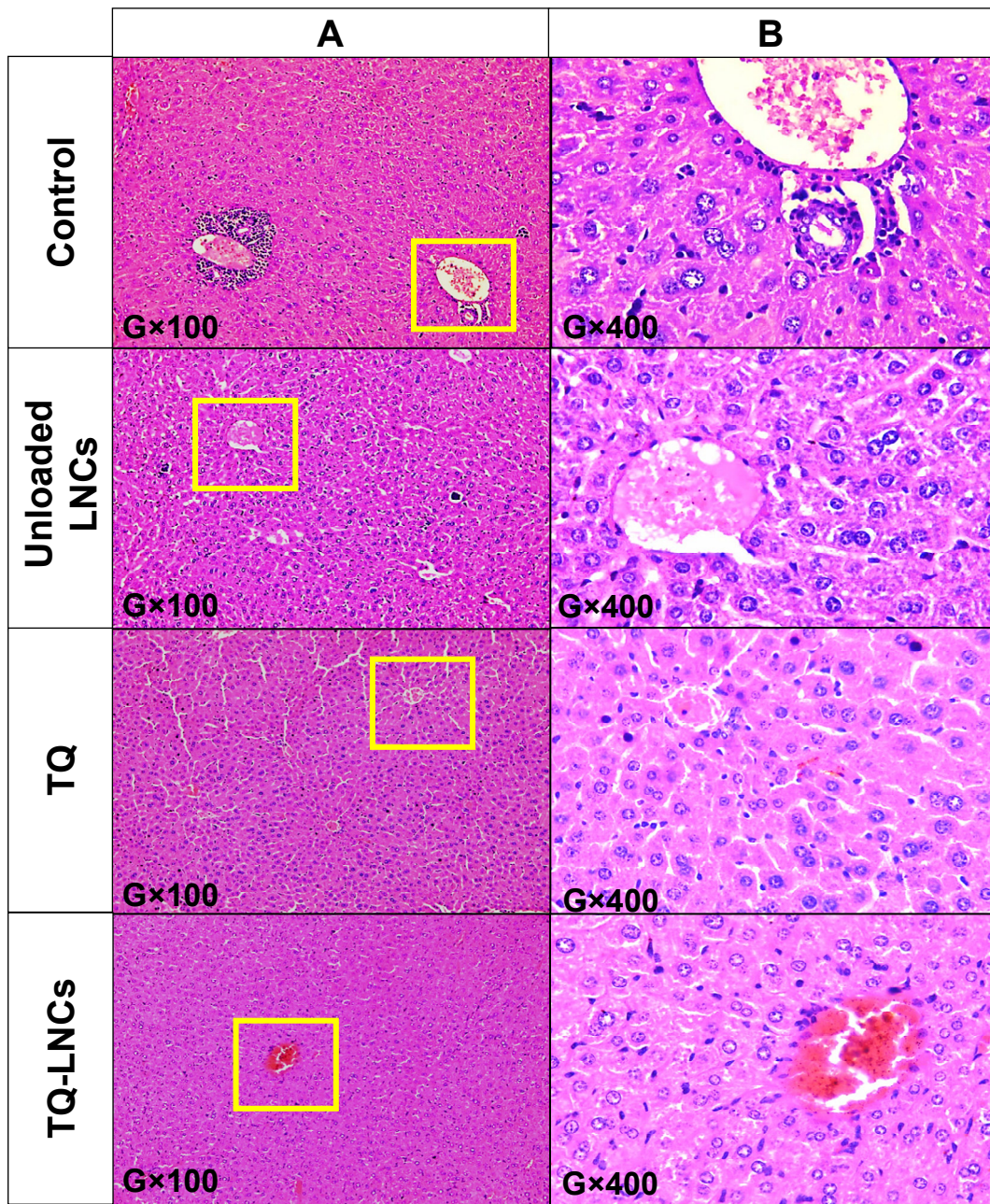


Figure S2 Histopathology assessment of liver in colorectal cancer subcutaneous animal after intra-tumoral treatment with PBS (Control), unloaded LNCs, free TQ and TQ-LNCs with a dose of 5mg.kg TQ. **B** is the magnification of squared area.

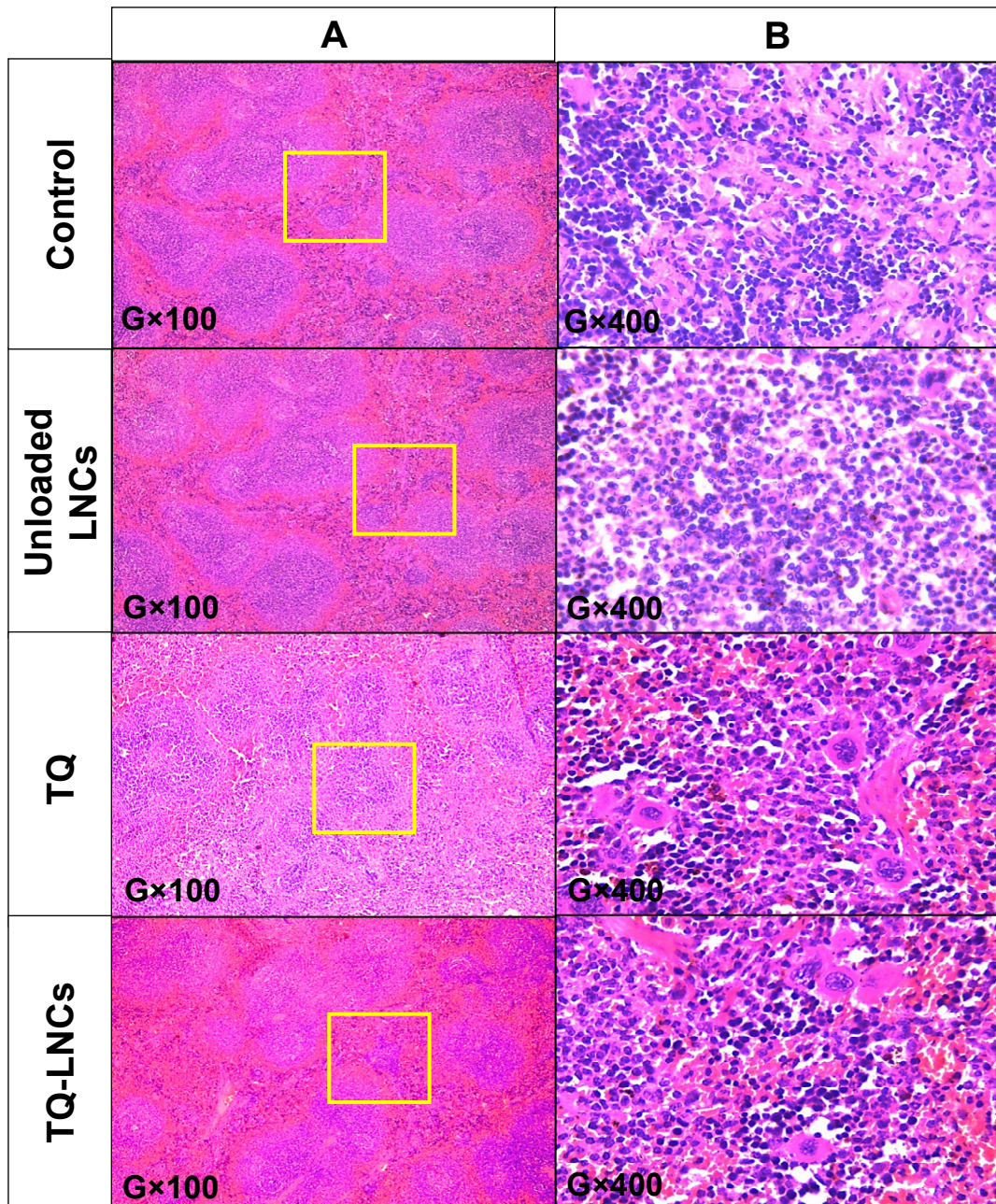


Figure S3 Histopathology assessment of spleen in colorectal cancer subcutaneous animal after intra-tumoral treatment with PBS (Control), unloaded LNCs, free TQ and TQ-LNCs with a dose of 5mg.kg TQ. **B** is the magnification of squared area.

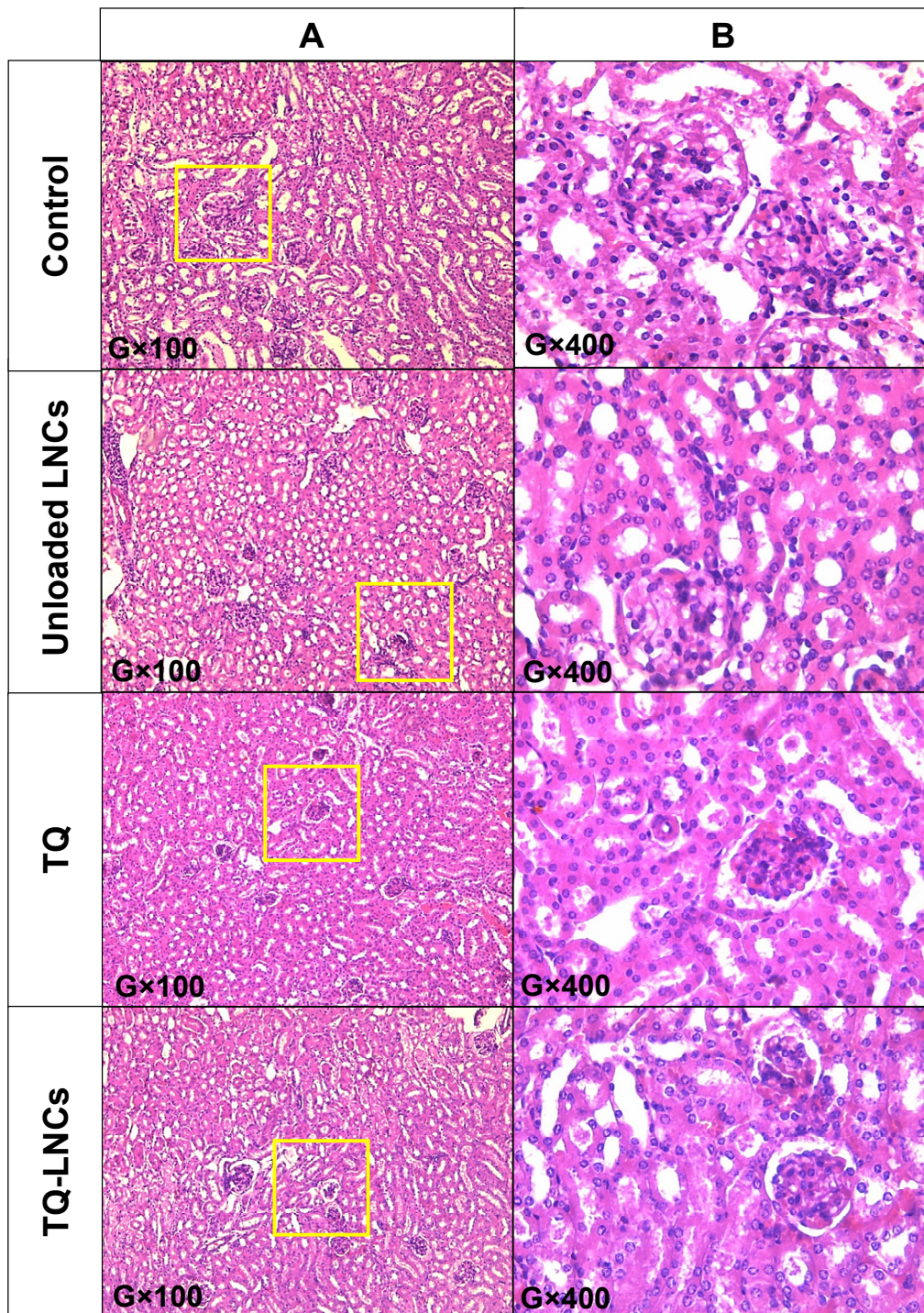


Figure S4 Histopathology assessment of kidney in colorectal cancer subcutaneous animal after intra-tumoral treatment with PBS (Control), unloaded LNCs, free TQ and TQ-LNCs with a dose of 5mg.kg TQ. **B** is the magnification of squared area.

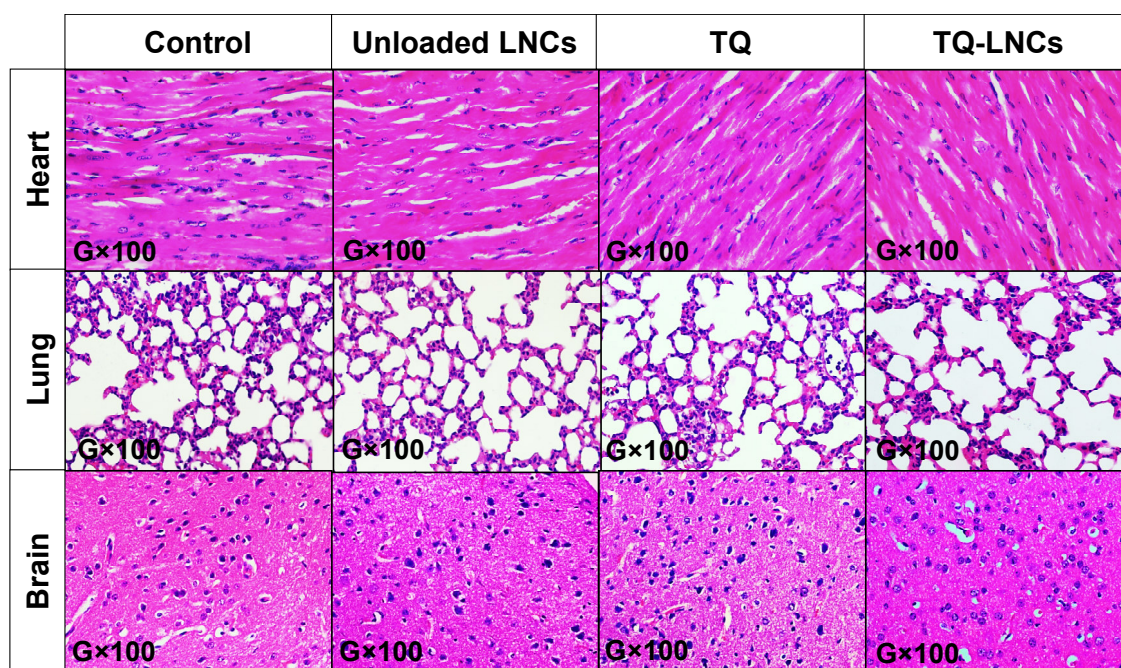


Figure S5 Histopathology assessment of heart, lung and brain in colorectal cancer subcutaneous animal after intra-tumoral treatment with PBS (Control), unloaded LNCs, free TQ and TQ-LNCs with a dose of 5mg.kg TQ.