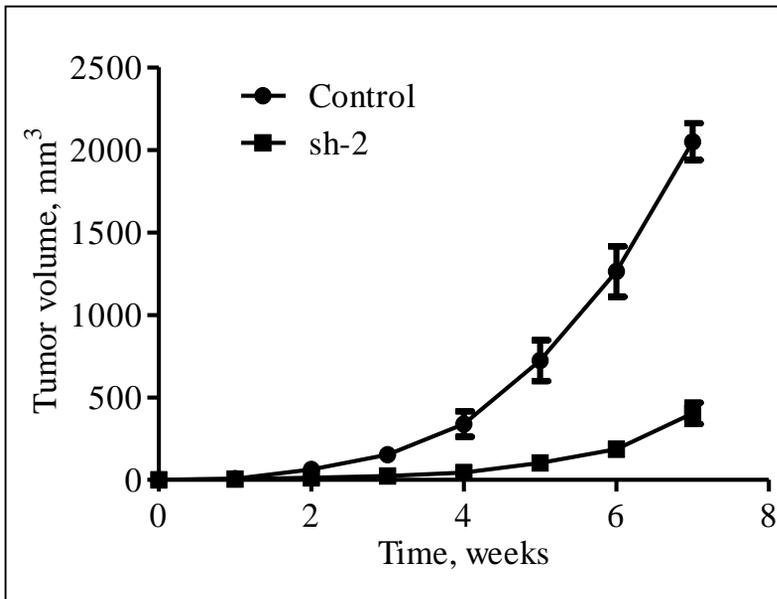
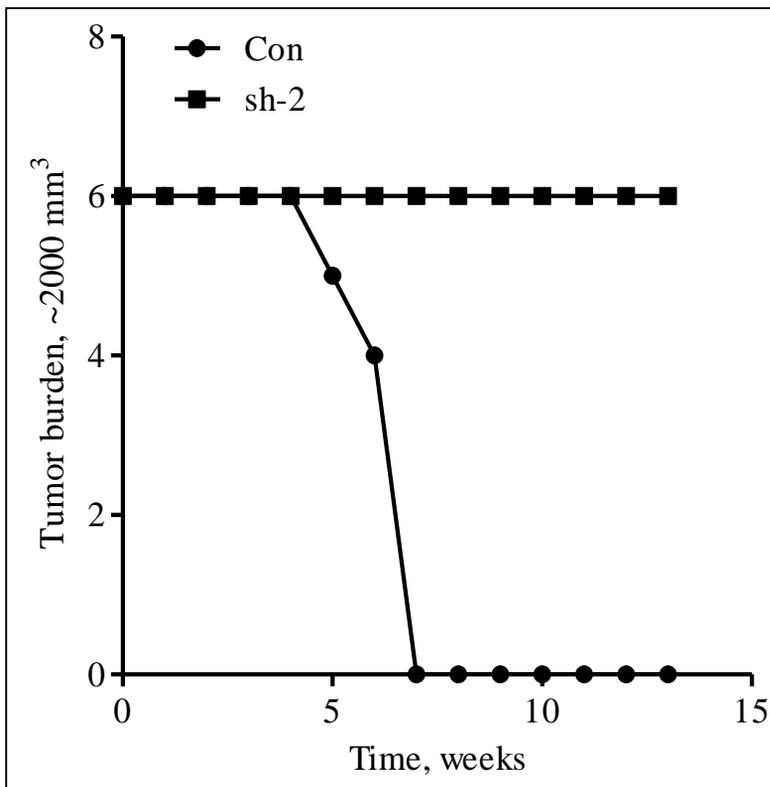
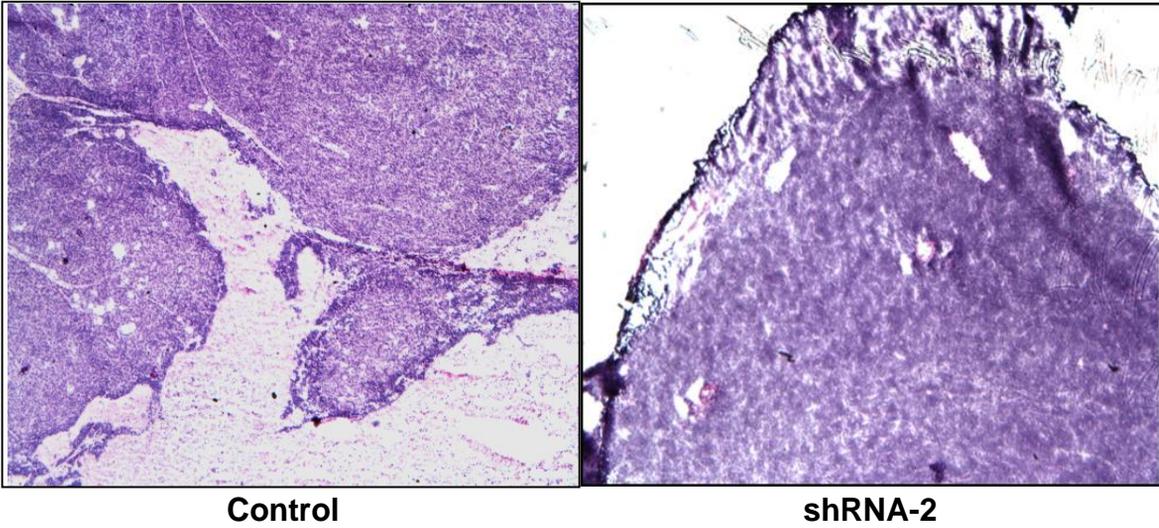
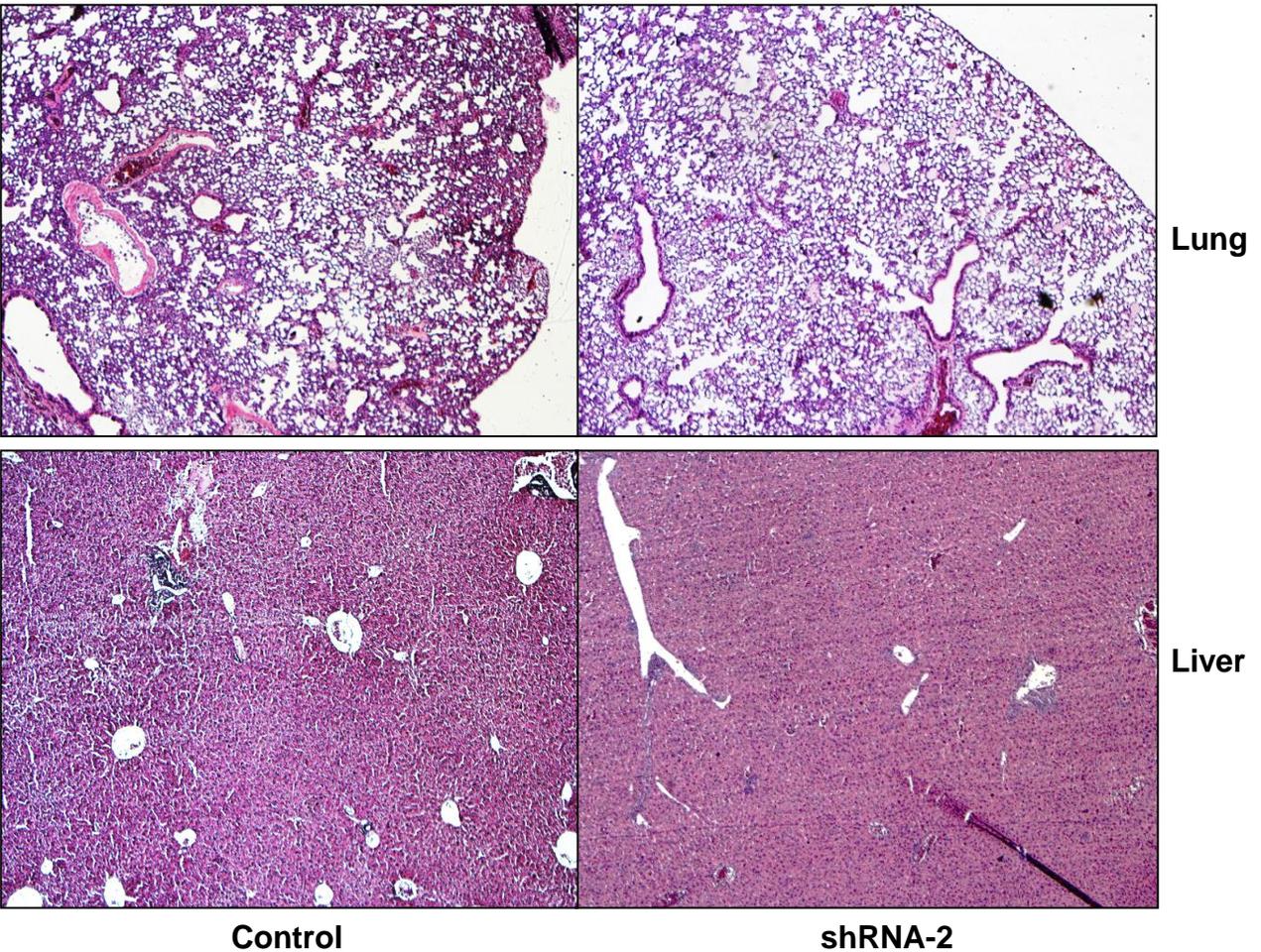


**a****b**

**Supplementary figure 1:** Effect of SHP2 silencing on the tumorigenic potential of MDA-MB468 cells. **a)** Tumor growth rate as determined by tumor volume measurement. **b)** Survival plot based on tumor size. Mice that bore tumor volume of approximately 2000 mm<sup>3</sup> or more were considered as not surviving, while those showing sizes below 750 mm<sup>3</sup> as surviving during the study period. For determining survival, data from 6 control and 6 sh-2 mice was used.

**c****d**

**Supplementary figure 1: C)** H & E staining of mammary tumor sections. Note that the control tumor shows local invasiveness while the shRNA tumor does not show any obvious pushing front and invasiveness. **D)** H & E staining of lung and liver sections harvested from the control and shRNA mice transplanted with MDA-MB468 cells.