Figure S2

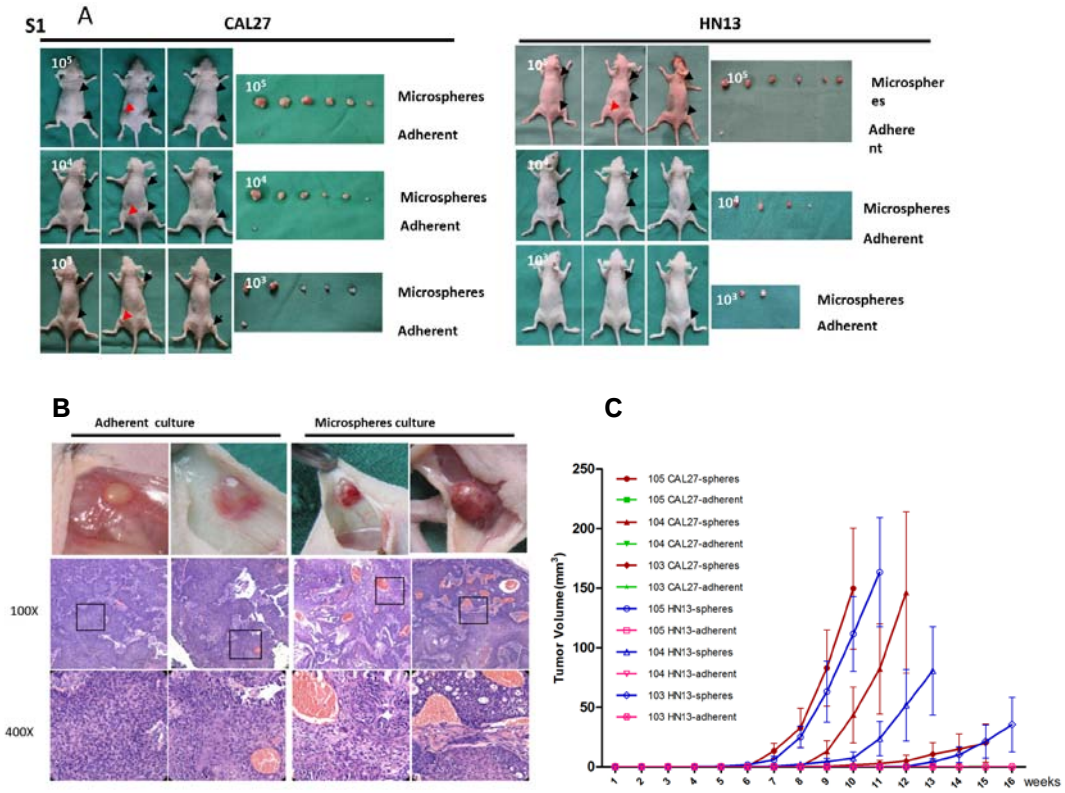

Figure S2. Enhanced tumorigenesis ability of HNSCC spheres. A. In the sphere groups, tumors were generated in 6/6 mice with 1×10^5 of CAL 27, 6/6 with 1×10^4 of CAL27, 5/6 with 1×10^3 of CAL27, 6/6 with 1×10^5 of WSU-HN13, 4/6 with 1×10^4 of WSU-HN13 and 2/6 with 1×10^3 of WSU-HN13. While in adherent groups, only 1/6 with 1×10^5 of CAL 27, 1/6 with 1×10^4 of CAL27, 1/6 with 1×10^3 of CAL27, 1/6 with 1×10^5 of WSU-HN13, 0/6 with 1×10^4 of WSU-HN13 and 0/6 with 1×10^3 of WSU-HN13 developed tumors, with an average latency period of 12-14 weeks, compared with 4-9 weeks in sphere groups. B. HE staining of the xenografted tumors derived from adherent and microsphere cultured CAL27 and HN13 cells. The tumors were confirmed by two pathologists as moderately differentiated squamous cell carcinoma. The blood vessels were more abundant in those tumors derived from sphere cultured cells than those from adherent cultured cells (Original magnification, 100× and 400×). C. The tumors generated in nude mice were measured every other day, and the growth curves were drawn.