

SUPPLEMENTARY FIG. S7. Detection of β -galactosidase activity within the tumor architecture composed by Ad- β -galactosidase-transduced MO-MSCs and tumor melanoma cells (A375N). Panels sequence shows that β -galactosidase-transduced cells are located first at the margins of the tumor (24 h, **A**) and later migrate into the inner cell mass (48 h after injection, **B**). Black dots correspond to MSCs' nuclei detected after X-Gal reaction. Skin adjacent to the tumor cell mass showing that no β -galactosidase+ signal corresponding to previously transduced MSCs was detected (**C**). Schematics representing the migratory kinetics within a tumor cell mass, with no MSCs migrating from the tumor area into the adjacent skin area.