



Fig. S2. Investigation of ARID3B mRNA expression, invasive ability, proliferative ability in CD271⁺ MeWo cells. (A) ARID3B mRNA expression in CD271^{+/−} MeWo cells. After sorting the melanoma cell line MeWo by CD271, we extracted mRNA from both CD271^{+/−} MeWo cells, performed reverse transcription and investigated the expression of ARID3B transcript levels (a) as well as CD271 (b). Three independent experiments were conducted. (B) Cell invasion assay of CD271^{+/−} MeWo cells. After a 24-h incubation, the invasive ability of CD271^{+/−} MeWo cells was investigated using Matrigel-coated transwells. Three independent experiments were conducted. (C) Cell proliferation assay of CD271^{+/−} MeWo cells with BrdU. After a 96-h incubation, both CD271^{+/−} MeWo cells were labelled using BrdU (chemiluminescent) and the emission intensity was measured, which reflected the cell proliferation. Three independent experiments were conducted.