

Titles and legends to supplementary figures.

Supplementary Figure 1: Schematic representation of the RNAi resistant mutant

Snai1 allele. The RNAi targeted sequence of wild type *Snail* mRNA and the RNAi resistant mutant Snail (mutS) allele are shown. Point mutations introduced into mutS-Snai1 are indicated in bold. The amino acid sequence encoded by both Snai1 alleles is indicated at the top.

Supplementary Figure 2: SNAI1 stable silencing in MDA-MB-231 cells induces

decreased expression and organization of fibronectin. Immunofluorescence analyses of the levels and subcellular localization of fibronectin, vimentin, and SNAI1-HA in parental MDA-MB-231 and control shEGFP cells, two stable clones generated after shSNAI1 transfection (shSNAI1-C2 and shSNAI1-C4) and stable cell lines generated after stable expression of the mutS-Snai1 allele (clones shSNAI1-C2/C4+mutS).

Supplementary Figure 3: Characterization of lymph node derived cell lines.

A) Schematic representation of the experimental design; injected cell lines are indicated on the left box and the code labelling of the obtained cell lines from the contra-lateral limb lymph nodes is indicated on the right box. **B)** PCR analysis to detect the presence of the human female *amelogenin* allele in the indicated cell lines. Note that 231-2O cell line is negative for *amelogenin*, discarding its human origin. This cell line was excluded from further studies. Expected size of the PCR *amelogenin* amplicon is 977 pb for female and 788 pb for male. **C)** PCR analysis to detect the presence o the H1 expression cassette of the pSuperior vector in the indicated cell lines. The expected sizes

of control pSuperior (281 bp) and pSuperior containing the shEGFP or shSNAI1 (345 bp) are indicated.

Supplementary Figure 4: Stable Snai1 interference does not alter in vitro cell proliferation of MDA-MB-231 cells. Analysis of BrdU incorporation of cells grown in the presence or absence of serum in the indicated cell lines.

Supplementary Figure 5: Re-expression of SNAI1 in lymph node derived cell lines suppresses the chemosensitivity induced by SNAI1 silencing.

Analysis of the apoptosis induced after 48 h treatment with 100 nM docetaxel (**A**) or 6 pM gemcitabine (**B**) in the indicated cell lines.