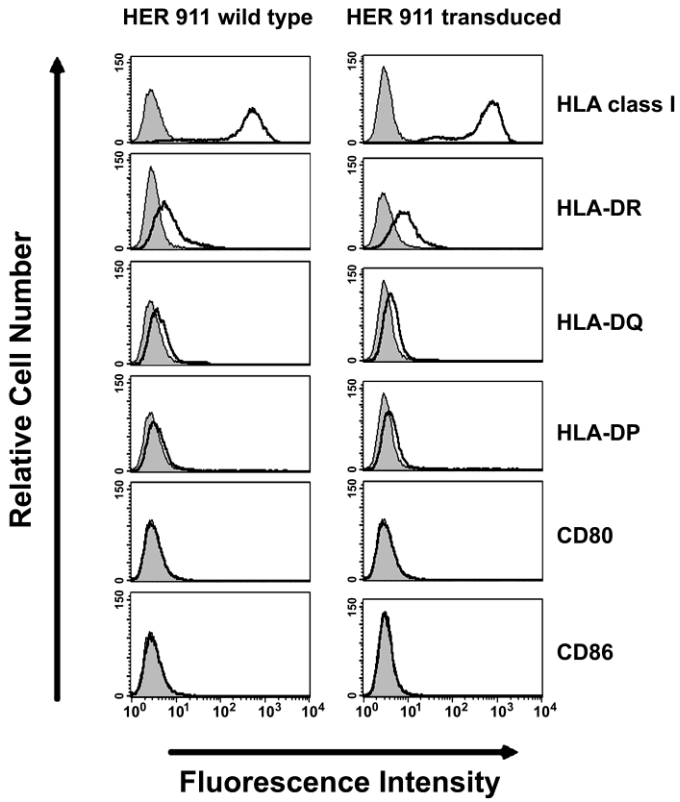
a



b

HEK 293T	MHC class I	HLA-DR	HLA-DQ	HLA-DP	CD80	CD86
wild type	98% (89)	43% (7)	16% (8)	51% (25)	-	-
transduced	99% (61)	58% (8)	20% (7)	33% (8)	-	-

HER 911	MHC class I	HLA-DR	HLA-DQ	HLA-DP	CD80	CD86
wild type	98% (403)	35% (11)	14% (5)	9% (9)	-	-
transduced	100% (490)	50% (11)	18% (9)	17% (11)	-	-

D 407	MHC class I	HLA-DR	HLA-DQ	HLA-DP	CD80	CD86
wild type	99% (251)	8% (11)	8% (6)	9% (74)	-	-
transduced	99.9% (273)	9% (10)	20% (6)	13% (25)	-	-

Suppplementary figure S1: (**a**) **Flow cytometric analysis of the expression of MHC I, MHC II (HLA-DR, HLA-DQ and HLA-DP), CD80, and CD86 molecules by wt and transduced HER 911 cells.** Unfilled histograms represent cells after immunofluorescence labelling, grey filled histograms give respective isotype controls. For labeling anti-CD80 (L307.4) and anti-CD86 (FUN-1) antibodies (BD Biosciences) as well as affinity purified anti-MHC I (W6/32), anti-MHC II HLA-DR (L243), HLA-DP (B7/21) and HLA-DQ (33.1) antibodies were used. Un-conjugated primary antibodies were detected with phycoerythrin-conjugated goat anti-mouse IgG(H+L) antibody (BD Biosciences). (**b**) **Expression of immune relevant molecules by wt and transduced HEK 293T, HER 911 and D 407 cells as revealed as percentages of positive cells (%) and mean fluorescence intensities (in parenthesis).** The data are means of three independent experiments performed at different times of culture.