Development of a quantitative method to measure EV uptake.

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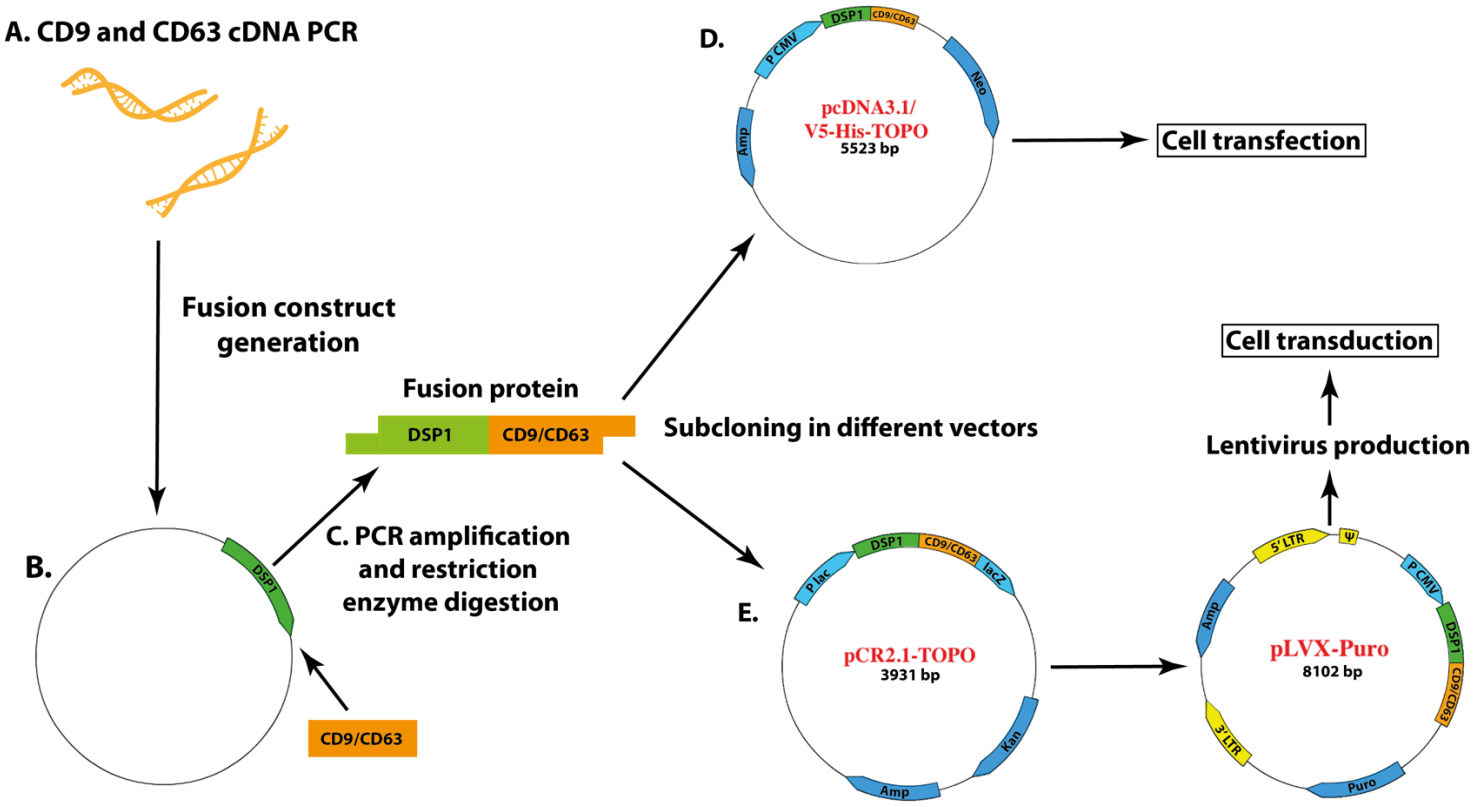
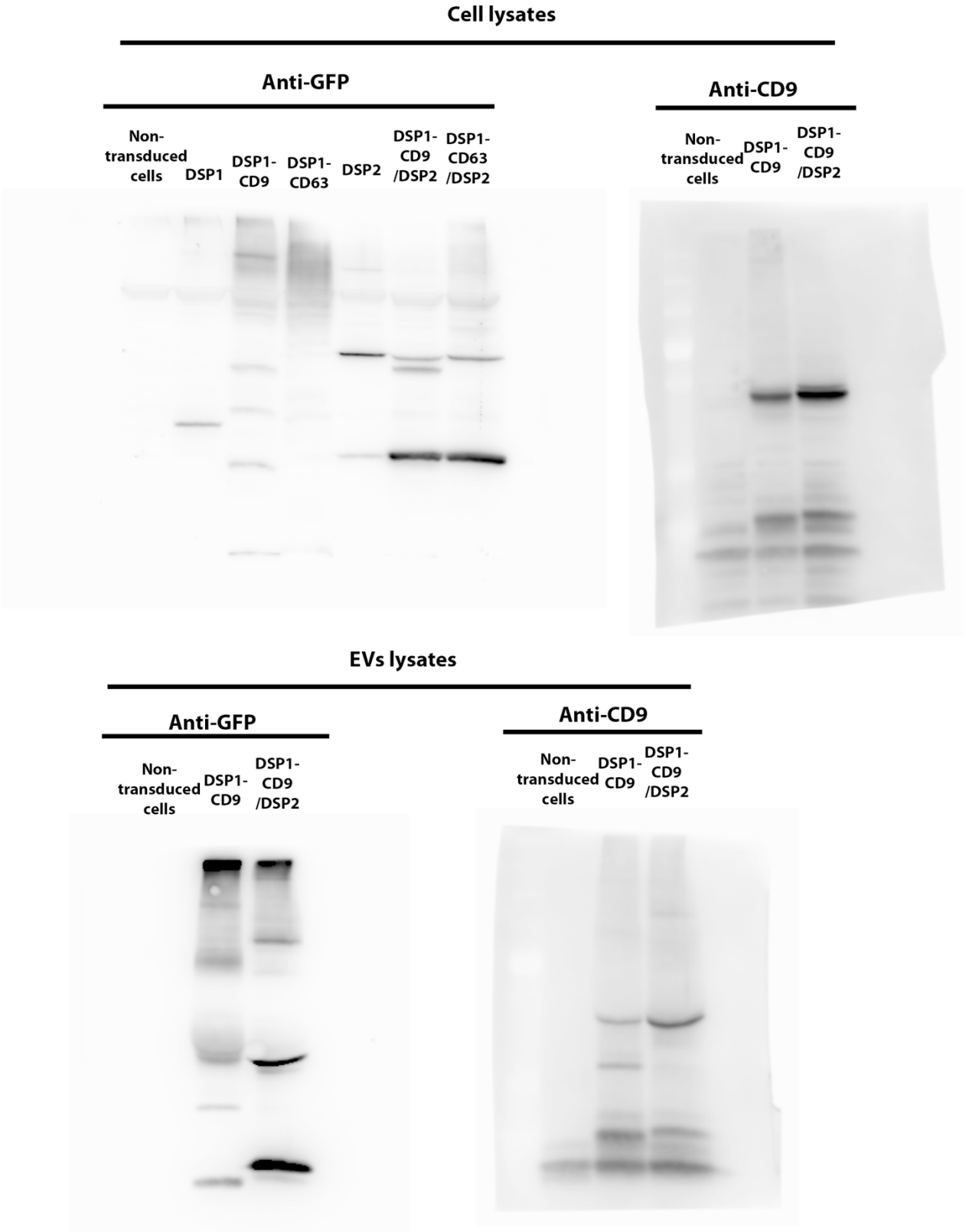


Supplementary Figure 1S. DSP1-CD9/CD63 fusion constructs design. A. CD9 and CD63 human cDNA sequences were amplified by PCR using specific oligonucleotides (**C**). Tetraspanin full coding sequence (CD9 or CD63) was inserted in reading frame after DSP1 C-terminus (**B**) **.** The fusion protein constructs, as well as DSP1 and DSP2 were amplified by PCR for subsequent cloning into two different vectors (**D** and **E**). **D.** DSP1-CD9/CD63 subcloning into pcDNA 3.3-TOPO vector allows for direct cell transfection. **E.** Subcloning into PCR 2.1-TOPO vector provided EcoR1 restriction sites for the final subcloning into pLVX-PURO lentiviral vector. HEK293 cells were transfected with pLVX-Puro vectors to produce lentiviral particles for viral transduction of cells with DSP1, DSP1-CD9/CD63 and DSP2.



Supplementary Figure 2S. Original full-length gels of the western-blots shown in Figure 1D and E

	Interaction Anova Table				
Figure	**Sum of Squares**	**Degrees of Freedom**	**Mean Squares**	**F (DFn, DFd)**	**P value**
Figure 3A	1,18E+09	6	1,97E+08	F (6, 35) = 34.46	P < 0.0001
Figure 3B	6,89E+08	16	4,31E+07	F (16,36) = 9.72	P < 0.0001
Figure 3C	9,54E+08	12	7,95E+07	F (12, 48) = 118.7	P < 0.0001
Figure 4A (left)	8,67E+08	12	7,23E+07	F (12, 48) = 110.9	P < 0.0001
Figure 4A (right)	8,16E+09	24	3,40E+08	F (24, 54) = 15.63	P < 0.0001
Figure 4B	2,21E+10	24	9,20E+08	F (24, 78) = 6.506	P < 0.0001
Figure 5A	8,16E+09	24	3,40E+08	F (24, 54) = 15.46	P < 0.0001
Figure 5B	3,05E+01	20	1,52E+00	F (20, 64) = 24.91	P < 0.0001

Supplementary Table. Interaction, F-values and degrees of freedom of the ANOVA analyses from all graphs.