

**Table S1** HaCaT cells were plated on 12-well-plates at equal densities for each experiment. The next day, cells were transfected with control or DCT siRNA. siRNA transfection was repeated on the following day. 72 hours after first transfection, the cells were stained with trypan blue and counted using a hemocytometer.

	siRNA	Number of cells
Experiment 1	Control	2620000
	DCT	1500000
Experiment 2	Control	1920000
	DCT	1100000
Experiment 3	Control	2680000
	DCT	1000000
Experiment 4	Control	6840000
	DCT	3600000
Experiment 5	Control	4200000
	DCT	1260000

