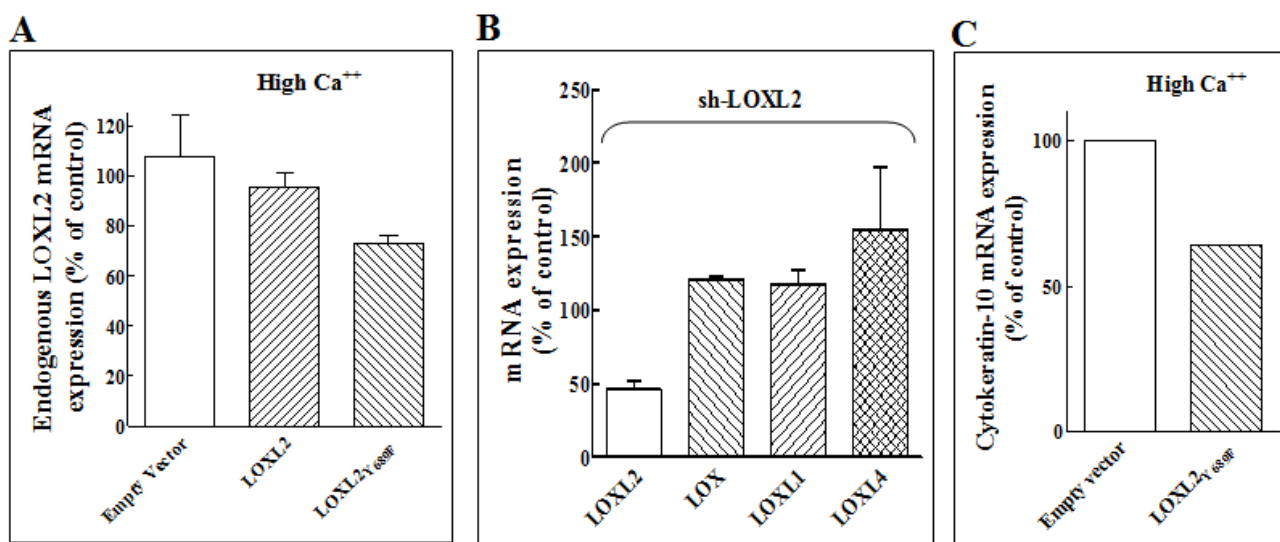


SUPPLEMENTARY TABLE 1.

	Forward primer	Reverse primer
Del-SRCR-34 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	TTGCTCTGGCTTGTACGCTTTCCGGA ATCT
Del-SRCR-34 fragment 2	GCCAGAGCAAGTCCTCA ATGCGGAGATGGTG	CCCTCGAGTCTCTGCGGGGACAGCT GGTTGTTTAA
Del-SRCR4 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	TCTCTCCACCAGCACCTCCACTCGGC CCTC
Del-SRCR-4 fragment 2	GGTGGAGAGAGTCCTCA ATGCGGAGATGGTG	CCCTCGAGTCTCTGCGGGGACAGCT GGTTGTTTAA
Del-SRCR-1 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	GCCCCACTGGCCATCATAGTACACCT CCAC
Del-SRCR-1 fragment 2	CCAGTGGGGCGTCGGTG TGGTGTGCAGCGA	GCGGGGACAGCTGGTTGTTTAA
Del-SRCR-12 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	GCCCCACTGGCCATCATAGTACACCT CCAC
Del-SRCR-12 fragment 2	CCAGTGGGGCGACGGA CCCTCAAGATTCCGG	CCCTCGAGTCTCTGCGGGGACAGCT GGTTGTTTAA
Del-SRCR-123 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	CCAGTGGGGCCCTGCCATGGGCTTGC AGAAG
Del-SRCR-123 fragment 2	GCCCCACTGGCCATCAT AGTACACCTCCAC	CCCTCGAGTCTCTGCGGGGACAGCT GGTTGTTTAA
Catalytic active site deletion of LOXL2 fragment 1	CGCGGATCCATGGAGA GGCCTCTGTGCTCCCAC CTCTGC	CATGTCCCAGCAGCCCATGGTGAT GCCCTG
Catalytic active site deletion of LOXL2 fragment 2	GTTGTTATTAACCCCA ACTTC	CCCTCGAGTCTCTGCGGGGACAGCT GGTTGTTTAA

Supplementary table 1. List of primers used for generation of SRCR and catalytic active site deletions of LOXL2. Bold sequence of forward primer indicated a restriction site for BamHI enzyme and bold sequence of reverse primer indicated a restriction site for XhoI enzyme.

Supplementary Figure-1



(A) HaCaT cells were cultured in medium containing high calcium and infected with empty lentiviruses (Empty vector) or lentiviruses directing expression of LOXL2_{myc} or LOXL2_{Y689F} as indicated. After 10 days endogenous LOXL2 mRNA levels were determined using real time qPCR (B) HaCaT cells were cultured in medium containing low calcium concentration and infected with lentiviruses expressing a shRNA targeting LOXL2 (shLOXL2). LOXL2, LOX, LOXL1 and LOXL4 mRNA concentrations in the cells were measured after 10 days using real time qPCR. (C) HaCaT cells were cultured in medium containing high calcium and infected with empty lentiviruses (Empty vector) or lentiviruses directing expression LOXL2_{Y689F} as indicated. After 10 days cytokeratin-10 mRNA levels were determined using real time qPCR.