

Figure S1. Consensus sequence of collagen type VII, $\alpha 1$ in the present study. The first rows are for the members of the pedigree as indicated in the pedigree chart in Fig. 1A. The COL7A1 exon 87 was amplified, sequenced, and aligned by Bioedit v7.2 software. The color is also defined by Bioedit. * indicates the position of the variant. HD, healthy donor.

	c.6859G>A													
	p.G2287R													
	*													
I-1	C	T	G	G	C	C	T	G	T	C	R	G	A	C
II-2	C	T	G	G	C	C	T	G	T	C	R	G	A	C
II-5	C	T	G	G	C	C	T	G	T	C	R	G	A	C
II-7	C	T	G	G	C	C	T	G	T	C	R	G	A	C
II-11	C	T	G	G	C	C	T	G	T	C	R	G	A	C
III-4	C	T	G	G	C	C	T	G	T	C	R	G	A	C
III-6	C	T	G	G	C	C	T	G	T	C	R	G	A	C
III-7	C	T	G	G	C	C	T	G	T	C	G	G	A	C
III-9	C	T	G	G	C	C	T	G	T	C	R	G	A	C
III-16	C	T	G	G	C	C	T	G	T	C	G	G	A	C
III-17	C	T	G	G	C	C	T	G	T	C	G	G	A	C
III-18	C	T	G	G	C	C	T	G	T	C	G	G	A	C
IV-3	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD1	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD2	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD3	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD4	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD5	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD6	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD7	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD8	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD9	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD10	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD11	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD12	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD13	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD14	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD15	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD16	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD17	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD18	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD19	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD20	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD21	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD22	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD23	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD24	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD25	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD26	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD27	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD28	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD29	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD30	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD31	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD32	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD33	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD34	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD35	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD36	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD37	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD38	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD39	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD40	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD41	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD42	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD43	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD44	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD45	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD46	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD47	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD48	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD49	C	T	G	G	C	C	T	G	T	C	G	G	A	C
HD50	C	T	G	G	C	C	T	G	T	C	G	G	A	C