

Supplementary Table S1. Primers used for PCR and for qPCR of *XPA*. Amplified regions in gDNA/ mRNA, the amplicon lengths and primer sequences are given. *fwd*, forward; *gDNA*, genomic DNA; *mRNA*, messenger RNA; *rev*, reverse.

assay	amplified region	amplicon length		primer sequence 5'-3'
PCR	gDNA XPA exon 1	592 bp	fwd	ccttctccggatgacaaga
			rev	tggacaggacgtttgaca
	gDNA XPA exon 2	466 bp	fwd	gttagactagctgggacctca
			rev	tgcattggctgttctttgatg
	gDNA XPA exon 3	266 bp	fwd	caggcattgcatacatgctga
			rev	cttgttttggccaaacctacaca
PCR	gDNA XPA exon 4	371 bp	fwd	ctaaattgctgggctalltgc
			rev	gtgaagcatatgcaaaactaggg
	gDNA XPA exon 5	440 bp	fwd	gagttagatcattcttggfaccittg
			rev	taagatgatgacgtacatgcttttcag
	gDNA XPA exon 6	414 bp	fwd	ctgaaagcttgatggagttgg
			rev	ggtagccttcacigaaacttgc
qPCR	mRNA XPA exon 1 (after mutation)	98 bp	fwd	ggcagatcagaccggaag
			rev	ctccagtagccgcagcc
qPCR	mRNA XPA exons 2-3 (exon-exon junction)	105 bp	fwd	tcatcaaccaggacctgttatg
			rev	caagttggcaaatcaaatggtg