

Table SI. Characteristic of normal skin (control), BCC and SCC samples included to this study.

	Normal skin (control)	BCC	SCC <i>in situ</i>	SCC invasive
Number of cases	35	12	22	14
Sex (F/M)	17/9 ^a	2/10	^b	5/9
Age, mean (range)	44.3 (20-68) ^a	65.0 (53-76)	^b	68.8 (53-86)
Location	^a		^c	
Face (forehead, jaw, temple)	2	7	6	7
Ear			10	
Scalp		3		
Neck	1	1		2
Leg	2			1
Arm		1	1	3
Hand	1			1
Breast	6			
Back	1			
Abdomen	11			
Foreskin	2			
Immunostaining				
VDR	34	11	18	13
Megalin	26	12	17	11
ROR α	33	12	16	13
ROR γ	31	12	17	14

^adata available for 26 cases; ^black of data; ^cdata available for 17 cases. Number of BCC and SCC cases for VDR, megalin and RORs differs from number of cases indicated in first line in the table due to lack of tumor cells in the . SCC, squamous cell carcinomas; BCC, basal cell carcinomas; VDR, vitamin D receptor; ROR, retinoid-related orphan receptor.

Table SII. Primers for reverse transcription-quantitative PCR. All primers originate from mice.

Gene	Primer	
	Forward	Reverse
CYP27B1	ATGTTTGCCTTTGCCCAGAG	GACGGCATATCCTCCTCAGG
CYP24A1	TGCGGATTTTCCTTTGTGATATTTAT	ATTGTAGAGAATCCACATCAAGCTGTT
CYP11A1	GTGAATGACCTGGTGCTTGGT	TCGACCCATGGCAAAGCTA
VDR	GTGGACATTGGCATGATGAA	TTACGTCTGCACGAATTGGA
ROR α	TCTCCCTGCGCTCTCCGCAC	TCCACAGATCTTGCAATGGA
ROR γ	CACGGCCCTGGTTCTCAT	GCAGATGTTCCACTCTCCTCTTCT
Gli 1	ATGAAGCTAGGGGTCCAGGT	AGAAGGGAACCTACCCCACT
β -Catenin	TGGACCCTATGATGGAGCATG	GGTCAGTATCAAACCAGGCCAG
β -Actin	CTAAGGCCAACCGTGAAAAG	ACCAGAGGCATACAGGGACA

VDR, vitamin D receptor; ROR, retinoid-related orphan receptor.