Table S1. Categories of labeled HFs obtained after induction at different points in the HF cycle

			a	b	c	d	e	f	g	h	i	j	k	l	m	n
Animal			CMV#5	CMV#6	Rosa#1	CMV#2	CMV#7	Rosa#1	CMV#1	CMV#4	Rosa#1	CMV#3	CMV#3	CMV#4	Rosa#1	CMV#1
Date of induction/biopsy			Control (non-induced)			D-2/D14	P18/P33	D-2/D14	D8/D14+ 1cycle	D3/D14+ 1cycle	D3/D14+ 1cycle	D3/D14+ 2cycles	D3/D14	D3/D14	D3/D14	D8/D14
Frequency of labeling (%)			0.84	1.26	0.1	12.4	15.3	3	7	10.6	2.9	3.4	7.3	11.9	10.8	14
Total number of HFs			3574	1432	1230	483	353	1875	730	610	1430	1308	906	656	1007	1291
Total number of labeled HFs			30	25	1	60	54	56	51	65	41	44	66	78	109	181
Number of analysed HFs			30	18	0	44	47	52	39	39	35	34	49	42	60	69
Multipotent		OIC	19	8	0	26	22	20	22	21	17	17	11	16	*(5)*	*(4)**
		OI	0	0	0	0	0	*(2)*	0	0	*(2)*	*(1)*	*(3)*	*(1)*	*(3)*	*(3)*
		OC	0	0	0	0	*(1)*	0	*(2)*	*(2)*	0	0	*(1)*	*(1)*	0	*(1)*
Internal	Oligopotent internal	IC	3	1	0	*(3)*	7	6	*(2)*	*(4)*	*(3)*	5	6	10	11	*(2)**
	Restricted internal	I	0	0	0	2	0	2	0	0	2	0	0	0	6	10
		C	0	0	0	2	3	0	1	1	0	1	5	3	7	5
Outer	Restricted ORS	O	8	9	0	11	14	22	12	11	11	10	23	11	28	44

a-n, first line, designates the experiment. 'Total number of HFs' refers to the number of HFs observed (labeled + unlabeled). 'Frequency of labeling' is the number of labeled HFs/total number of HFs×100. 'Number of analyzed HFs' refers to the number of labeled HFs that could be analyzed after dissection. The day of induction and the Cre-inducer line used are specified at the top of each column. All experiments were analyzed at D14 after depilation, except for the CMV#7 mouse that was induced at post-natal day 18 (P18; when the HFs are at the end of catagen) and analyzed at P33 during the following natural anagen. For each cross, CMV CreERT:R26R and ROSA CreERT2:R26R control animals that did not receive 4-OHT were analyzed: CMV#5 is a littermate of CMV#3 and was observed at D14; CMV#6 is a littermate of CMV#3 and was observed at D14+2cycles; ROSA#1 was sampled at P37, when the dorsal pelage is in anagen before the beginning of the experiment. The labeled HFs were classified into three categories: multipotent clonal patterns that exhibit labeling in the outer and internal structures of the HF; internal clonal patterns that exhibit labeling in one or several internal structures; outer clonal patterns with labeling in the ORS. The internal labelings were further divided into two subcategories: oligopotent internal clonal patterns with labeled cells in several internal structures and the restricted internal clonal patterns with labeled cells in only one internal structure. For the categories that combined labeling in several structures (OIC, OI, OC, IC), we checked whether this labeling was indeed generated by a single recombination event as opposed to a double or triple event (see Table S2). The numbers between italicized brackets correspond to the categories whose observed frequency was not different from the expected frequency of a double or triple recombination event or not different from the control animals (*). In all experiments, the OI and OC categories are either not represented or most likely the result of a double recombination event (see Table S2). We therefore did not consider the HFs belonging to these categories as clones and did not represent them in the figures and graphs. O, ORS; I, IRS; C, cuticle.