

Table S1 Activation of TERT in i-TERT mice promotes anagen at day 50

Genotype	Doxy	Anagen	Telogen	Total
non transgenic	-	0	4	4
tetop-TERT+	+	0	4	4
actin-rtTA+	+	0	13	13
i-TERT	-	0	9	9
i-TERT	+	18	0	18

chi square i-TERT(+dox) vs. i-TERT(-dox) = 27, $p < 0.0001$

chi square i-TERT(+dox) vs all controls = 48, $p < 0.0001$

Table S2 Activation of TERT at day 40 in i-TERT mice triggers hair follicles to enter anagen by day 50.

Genotype	Doxy	Anagen	Telogen	Total
i-TERT	-	0	5	5
i-TERT	+	3	0	3

chi square i-TERT(+dox) vs. i-TERT(-dox) = 8, $p \text{ value} = .005$

Table S3 TERT induces an anagen in the absence of TERC

Genotype	Doxy	Anagen	Telogen	Total
i-TERT controls	-	0	8	8
i-TERT ; TERC+/-	+	6	0	5
i-TERT ; TERC-/-	+	5	0	5

chi square i-TERT;TERC-/- (+dox) vs. controls, $p \text{ value} = 0.0003$