

Supplementary Material

Table S1¹. Some differentially expressed genes in sample 3 (compared to sample 2), as revealed by microarray* analysis.

Gene title	Gene symbol	Fold change (sample 3 vs. sample 2)	Unigene ID	GO (Biological Process)
Ras homolog gene family, member A	<i>Rhoa</i>	1.06	Mm.757	
Ras homolog gene family, member C	<i>Rhoc</i>	1.14	Mm.262	small GTPase mediated signal transduction
RAS-related C3 botulinum substrate 2	<i>Rac2</i>	2.66	Mm.1972	
wingless-related MMTV integration site 3A	<i>Wnt3a</i>	-1.2	Mm.1367	Wnt signaling pathway
frizzled homolog 2 (Drosophila)	<i>Fzd2</i>	-1.33	Mm.36416	
frizzled homolog 3 (Drosophila)	<i>Fzd3</i>	-2.5	Mm.469919	Wnt receptor signaling pathway
frizzled homolog 5 (Drosophila)	<i>Fzd5</i>	-1.5	Mm.150813	
disheveled, Dsh homolog 1 (Drosophila)	<i>Dvl1</i>	-1.13	Mm.3400	
myelocytomatosis oncogene axin2	<i>Myc</i> <i>Axin2</i>	-2.05 -1.89	Mm.2444 Mm.71710	Target of Wnt signaling pathway
catenin (cadherin associated protein), beta 1	<i>Ctnnb1</i>	-1.12	Mm.291928	Wnt pathway through beta-catenin; cell-cell adhesion; cell fate determination
S100 calcium binding protein A3	<i>S100a3</i>	-2.19	Mm.440044	calcium ion binding
forkhead box N1	<i>Foxn1</i>	-1.98	Mm.4496	keratinocyte differentiation; epithelial cell proliferation

¹ Sample 2: 7 days after hair depilation

Sample 3: 7 days after hair depilation with intradermal injection of Ad-Wnt5a

*Affymetrix Mouse Genome 430 2.0

Table S2. Sequences of primers used for qRT-PCR.

GenBank ID	Gene	Sequence (5' to 3')	Amplicon size (bp)
NM_011718.2	<i>Wnt10b</i>	F GACCTCGGGTGACAATAATGA R TTAGTTTCAAACAGGAACCAAG	243
NM_007614.2	<i>β-catenin</i>	F GCCACCAAACAGATACATACCT R CACAATGCACGTTTCAGACACT	174
NM_009008.3	<i>Rac2</i>	F TAAGGAAAGGTCACCTCTGGTTG R CCTGATAATGGTAGAAAGGACACT	282
NM_008084	<i>GAPDH</i>	F GTTGTCTCCTGCGACTTCA R TGGTCCAGGGTTTCTTACTC	182