Supplemental Table 1. Quantitation of melanocyte immunolabeling during hair morphogenesis and hair cycling

	KIT-	KITlo	KIThi	MITF-	MITF+	TRP1-	TRP1+	TYR-	TYR+	SOX10-	SOX10+
P2 stage 4 morphogenetic hair											
LPP	0.23% ± 0.39%	7.14% ± 3.89%	92.64% ± 3.70%	1.49% ± 1.99%	98.51% ± 1.99%	44.00% ± 4.00%	56.00% ± 4.00%	62.33% ± 3.27%	37.67% ± 3.27%	2.65% ± 2.29%	97.35% ± 2.29%
P2 stage 6 morphogenetic hair											
LPP	0.00% ± 0.00%	14.05% ± 1.89%	85.95% ± 1.89%	4.47% ± 1.77%	95.53% ± 1.77%	64.55% ± 5.89%	35.45% ± 5.89%	94.79% ± 1.51%	5.21% ± 1.51%	3.96% ± 0.39%	96.04% ± 0.39%
p6 morphogenetic hair											
LPP	0.75% ± 0.78%	28.49% ± 6.79%	33.93% ± 6.26%	1.86% ± 1.94%	56.33% ± 7.35%	50.51% ± 5.66%	4.01% ± 1.39%	56.46% ± 9.44%	1.14% ± 1.38%	0.79% ± 0.71%	65.05% ± 2.70%
UTP	2.52% ± 2.01%	22.49% ± 2.35%	11.81% ± 2.24%	0.51% ± 0.44%	41.30% ± 5.62%	36.89% ± 4.57%	8.58% ± 2.69%	42.40% ± 8.07%	0.00% ± 0.00%	0.46% ± 0.80%	33.70% ± 1.50%
p14 morphogenetic hair											
LPP	3.54% ± 2.70%	36.72% ± 6.11%	15.48% ± 2.31%	0.47% ± 0.67%	57.88% ± 4.86%	45.38% ± 3.59%	12.58% ± 2.70%	49.97% ± 6.74%	1.21% ± 0.22%	4.16% ± 4.22%	49.53% ± 8.59%
UTP	5.67% ± 1.02%	32.58% ± 1.70%	6.00% ± 1.41%	0.00% ± 0.00%	41.65% ± 5.53%	13.20% ± 2.87%	28.84% ± 2.53%	46.40% ± 6.07%	2.42% ± 0.45%	2.14% ± 1.65%	44.17% ± 4.61%
7dpp (~adult anagen IV/V)											
LPP	0.00% ± 0.00%	10.57% ± 5.31%	64.55% ± 2.69%	10.30% ± 5.45%	54.07% ± 5.48%	38.27% ± 4.25%	43.27% ± 7.22%	49.97% ± 6.74%	1.21% ± 0.22%	10.99% ± 7.84%	65.59% ± 3.59%
UTP	0.00% ± 0.00%	4.30% ± 3.50%	20.57% ± 4.01%	4.52% ± 0.99%	31.11% ± 0.96%	4.08% ± 1.49%	14.38% ± 6.84%	46.40% ± 6.07%	2.42% ± 0.45%	2.40% ± 0.10%	21.02% ± 9.84%
21dpp (~adult catagen VII)										*compared to KIT	
Bulge	0.74% ± 0.69%	16.68% ± 2.44%	36.92% ± 3.27%	49.41% ± 9.52%	4.77% ± 1.85%	25.74% ± 6.02%	14.21% ± 3.03%	39.51% ± 9.85%	0.00% ± 0.00%	1.78% ± 2.08%	56.34% ± 17.08%
SHG	2.26% ± 1.96%	11.48% ± 4.67%	31.91% ± 11.91%	34.72% ± 8.20%	11.10% ± 5.42%	16.39% ± 5.54%	43.65% ± 11.88%	58.73% ± 8.20%	1.75% ± 2.42%	2.17% ± 0.78%	39.71% ± 15.56%