

Supplemental Table 1. List of gene specific primers

Genes	Genbank Accession Number	Sequences	size (bp)	Tm (°C)
<i>Dlx3</i> (RT)	NM_010055	F: aagccgcgaacgatctact R:cggttctggaaccagat	111	62
<i>Dlx3</i> CDS	NM_010055	F: atgagcggctccttcgatcg R: tactcagtacacagcccag	863	60
<i>Dlx3</i> probe	NM_010055	F: cagcactctgggacacatcttc R: acagtggaacctgcaaacactc	601	62
<i>Dlx3</i> ChIP (1)	NM_010055	F: tattaagccagggccatacg R: ggtgggcttaggtgagatga	267	60
<i>Dlx3</i> ChIP (2)	NM_010055	F: cctggcactaaaacagacc R: ccaacctctcaacctctt	200	60
<i>Dlx3</i> ChIP (3)	NM_010055	F: cacattgggggatttatcg R: caagccacagtcaaatgctg	285	60
<i>Tchh</i>	NM_001163098	F: tgatggagcatcacttagcaa R: ggaacaggaggaattcggtg	164	62
<i>Krt25</i>	NM_133730	F: gctctccaccagagcgtaga R: gagcctgcatttcctctttg	154	62
<i>Krt27</i>	NM_010666	F: cagcagcagatttcagacga R: cagttagttgccctcggctc	161	62
<i>Krt28</i>	NM_027574	F: caccatgtctctccggttt R: ctcccaccaggagcactg	177	62
<i>Krt71</i>	NM_019956	F: tcagatccagtcccacatca R: gtacagggcctcagcttcag	148	62
<i>Hoxc13</i>	NM_010464	F: taccagactgggctctttc R: agctgcaccttggtatagg	176	62
<i>Vdr</i> CDS	NM_009504	F: atggaggcaatggcagccag R: tcaggagatctcattgccga	1268	60
<i>Gapdh</i>	NM_008084	F: aactttggcattgtggaagg R: acacattgggggtaggaaca	223	62