

Appendix 4

Gene	Week	Mean Ct value	Standard Deviation
Col 1a2	1	20.2	0.05
	2	20.5	0.02
	3	20.9	0.01
	6	20.7	0.01
	8	21.0	0.01
Col3a2	1	21.2	0.01
	2	21.7	0.16
	3	22.6	0.05
	6	22.2	0.04
	8	22.9	0.03
Col5a2	1	23.5	0.12
	2	23.8	0.02
	3	25.1	0.07
	6	24.0	0.04
	8	24.6	0.07
Col6a3	1	28.7	0.07
	2	29.1	0.12
	3	29.7	0.04
	6	29.3	0.05
	8	30.0	0.11
Egfr	1	25.0	0.05
	2	25.0	0.03
	3	24.8	0.04
	6	23.2	0.01
	8	23.5	0.02
Fyn	1	28.1	0.12
	2	29.1	0.15
	3	29.2	0.11
	6	28.7	0.12
	8	28.4	0.19
Igf 2	1	23.6	0.01
	2	24.9	0.01
	3	26.2	0.10
	6	26.0	0.01
	8	26.4	0.07
Fbn2	1	25.4	0.11
	2	27.0	0.02
	3	27.4	0.09
	6	27.2	0.08
	8	27.6	0.02
Week 2 vs Week 1 Comparison			
Gene	Week	Mean Ct value	Standard Deviation
Col3a1	1	21.2	0.01
Col3a1	2	21.7	0.16
Tgfb2	1	26.3	0.01
Tgfb2	2	26.6	0.01
Nd1	1	26.4	0.11
Nd1	2	27.8	0.08

Week 3 vs Week 2 Comparison			
Gene	Week	Mean Ct value	Standard Deviation
Ctgf	2	28.0	0.01
Ctgf	3	26.7	0.03
Tgfb1	2	27.5	0.06
Tgfb1	3	27.2	0.06
Dsg1a	2	27.9	0.05
Dsg1a	3	27.4	0.06
Week 6 vs 3 Comparison			
Gene	Week	Mean Ct value	Standard Deviation
Ttn	3	25.4	0.08
Ttn	6	22.9	0.02
Myo18b	3	30.1	0.06
Myo18b	6	28.2	0.05
Col 3a1	3	21.2	0.01
Col 3a1	6	21.7	0.16
Week 8 vs 6 Comparison			
Gene	Week	Mean Ct value	Standard Deviation
Myo5a	6	26.1	0.11
Myo5a	8	27.0	0.06
Kit17	6	26.4	0.02
Kit17	8	26.3	0.06
Hist1h2bc	6	25.7	0.04
Hist1h2bc	8	25.5	0.06
18S rRNA			
Gene	Week	Mean Ct value	Standard Deviation
18S rRNA	1	10.1	0.02
	2	10.3	0.01
	3	10.7	0.02
	6	9.8	0.02
	8	9.8	0.04
Gapdh			
Gene	Week	Mean Ct value	Standard Deviation
Gapdh	1	23.4	0.10
	2	23.1	0.08
	3	23.4	0.05
	6	22.1	0.06
	8	22.0	0.02
actb			
Gene	Week	Mean Ct value	Standard Deviation
actb	1	20.5	0.06
	2	21.0	0.01
	3	20.5	0.01
	6	19.7	0.04
	8	19.5	0.01
hprt			
Gene	Week	Mean Ct value	Standard Deviation
hprt	1	26.5	0.01
	2	28.1	0.06
	3	27.7	0.01
	6	26.6	0.01
	8	26.5	0.01