

Appendix B

Primer and Oligonucleotide Sequences for Quantitative Real-Time RT-PCR and Melting-Temperature Measurements

Primer and Oligonucleotide Sequences for Chapters 2-4

Primers for Quantitative Real-Time RT-PCR mRNA measurement

Chapters 2-4

VEGF:

VEGF-99-L: 5' - AGG GCA GAA TCA TCA CGA AG - 3'

VEGF-99-R: 5' - GGG TAC TCC TGG AAG ATG TCC - 3'

PSA:

PSA(KLK3) L: 5' - TCT GCG GCG GTG TTC TG - 3'

PSA(KLK3) R: 5' - GCC GAC CCA GCA AGA TCA - 3'

GUSB:

GUSB-human-L: 5' - CTC ATT TGG AAT TTT GCC GAT T - 3'

GUSB-human-R: 5' - CCG AGT GAA GAT CCC CTT TTT A - 3'

Primers for Chromatin Immunoprecipitation

Chapters 2 and 3

VEGF

L 5' - CCTTTGGGTTTTGCCAGA-3'

R 5' - CCAAGTTTGTGGAGCTGA-3'

Oligonucleotide Sequences for T_m Measurements

Chapter 4

HRE:

HRE Top: 5' - GTG CAT ACG TGG GC - 3'

HRE Bottom: 5' - GCC CAC GTA TGC AC - 3'

ARE:

ARE Top: 5' - TTG CAG AAC AGC AA - 3'

ARE Bottom: 5' - TTG CTG TTC TGC AA - 3'