

Supplemental Table 4. Differentially regulated genes with perfect octamer sequences - 1000 to +100

Symbol; Gene title	Position [*]	Strand	Sequence	Human homologue?
<i>No radiation (supplemental Table I)</i>				
RAD52b; RAD52 homolog B	-804	pos	GGCATGCAAATAAC	
Sfrs14; arginine/serine-rich 14 splicing factor	-11	neg	GAGATGCAAATGAG	
Lum; lumican (Keratan sulfate proteoglycan lumican)	-428	rev	AAAATGCAAATGAG	
Rgs4; regulator of G-protein signaling 4	-156	rev	GGGATGCAAATGGA	
Ahcy; adenosylhomocysteinase	-719	pos	TTCATGCAAATCCA	
Lipg; lipase, endothelial	-73	pos	ATTATGCAAATATC	Yes, -71
Ednrb; endothelin receptor type B	-905	pos	AAGATGCAAATCCT	
Limd1; LIM domains containing protein 1	-887	rev	GTTATGCAAATAGT	
<i>After radiation (supplemental Table II)</i>				
Prrx1; paired related homeobox protein 1 (PRX-1)	-308	pos	AACATGCAAATGAG	Yes, -342
Notch1; notch homolog protein 1	-376	pos	GAAATGCAAATTCT	Yes, -584
Sdfr2; stromal cell derived factor receptor 2	-57	rev	CCTATGCAAATACT	
Ptges; prostaglandin E synthase	-433	pos	CATATGCAAATACA	
Dmn; desmuslin	-738	rev	TACATGCAAATGTC	
Gfer; growth factor, erv-like (augmenter of liver regeneration)	-921	rev	GTGATGCAAATGCG	
Sgol2; shugoshin-like 2	-261	pos	ACTATGCAAATGGG	
Hook3; hook homologue 3	-636	neg	TCAATGCAAATTTT	

position relative to the octamer sequence (bold) and the first annotated transcription initiation site