

Table S3. Primers for quantitative real time PCR of the respective genes

Gene (name)	Primer sequence (5'-3')	Accession number
Chst8/GalNAc-4-st1 (GalNAc 4- <i>O</i> -sulfotransferase-1)	456-cgtccatcctgctgtttggagct 606-tctgtggatacctcaagtgcta	XM_13337 9
Chst9/GalNAc-4-st2 (GalNAc 4- <i>O</i> -sulfotransferase-2)	330-agcttacagatcaactgaagcaca 481-gcttctctgggtgcatctgct	AB106879
Chst10/HNK1-st (HNK-1 sulfotransferase)	553-ctgacgacctgccggaagca 700-tgcaggtgttctaagagctcca	NM_14514 2
Chst11/C4st1 (chondroitin 4- <i>O</i> -sulfotransferase- 1)	639-tcatgctggaggaacccctcg 791-cccggcaggtgtctgtcacct	AB030378
Chst12/C4st2 (chondroitin 4- <i>O</i> -sulfotransferase- 2)	425-gccccagcaagccagtctg 573-aggctggcgttgccacagaagt	NM_02152 8
Chst13/C4st3 (chondroitin 4- <i>O</i> -sulfotransferase- 3)	1014-gtgttgggtgcaatagaccagt 1164-gtacctaccagtcggaatgag	XM_99476 4
Chst14/D4st1 (dermatan 4- <i>O</i> -sulfotransferase-1)	1100-gcattaccactgtgcaatgtcca 1218-ggtgacaggcttccttggtgaca	AK011230
β -actin	890-tcctgtggcatccatgaaact 1023-ttctgcatcctgtcagcaatg	NM_00739 3
GAPDH	17-agcctcgtcccgtagacaaaa 127-tggcaacaatccactttgcca	BC083149
Polr2a	4076-ccaatgatattgtggagatctcac 4222-ggcatgcataggtcacacagga	NM_00908 9
HRPT	306-gttcttctgacctgctggattaca 425-tccccgttgactgatcattaca	NM_01355 6