

Supporting Table S1 : Primers for RT-qPCR validation

GENE (HUGO ID.)	INFO	ANNOTATION	TAQMAN ASSAY ID
HMGA2	Target 1	chromodomain helicase DNA binding protein 7 (HGNC:20626)	Hs04397751_m1
DACH1	Target 2	dachshund family transcription factor 1 (HGNC:2663)	Hs00974297_m1
CHD7	Target 3	high mobility group AT-hook 2 (HGNC:5009)	Hs00215010_m1
BMP7	Target 4	bone morphogenetic protein 7 (HGNC:1074)	Hs00233476_m1
SOX9	Target 5	SRY-box transcription factor 9 (HGNC:11204)	Hs00165814_m1
SOX2	Target 6	SRY-box transcription factor 2 (HGNC:11195)	Hs01053049_s1
SOX11	Target 7	SRY-box transcription factor 11 (HGNC:11191)	Hs00846583_s1
CYP26B1	Target 8	cytochrome P450 family 26 subfamily B member 1	Hs01011223_m1
RDH10	Target 9	retinol dehydrogenase 10 (HGNC:19975)	Hs00416907_m1
RAI1	Target 10	retinoic acid induced 1 (HGNC:9834)	Hs01554690_m1
ITGAV	Target 11	integrin subunit alpha V (HGNC:6150)	Hs00233808_m1
ITGB4	Target 12	integrin subunit beta 4 (HGNC:6158)	Hs00236216_m1
NANOG	Reference D0	Nanog homeobox (HGNC: 20857)	Hs02387400_g1
DLX5	Reference D6	Distal-less homeobox 5 (HGNC: 2918)	Hs01573641_mH
WNT7B	Reference D13	Wingless-type MMTV integration site family, member 7B	Hs00536497_m1
GAPDH	Internal control	Glyceraldehyde-3-phosphate dehydrogenase (HGNC: 4141)	Hs02786624_g1

GENE (HUGO ID.)	INFO	ANNOTATION	TAQMAN ASSAY ID
LUM	Target 1	Lumican	Hs00929860_m1
DCN	Target 2	Decorin	Hs00754870_s1
DNMT3B	Target 3	DNA (cytosine-5-)-methyltransferase 3 beta	Hs00171876_m1
COL1A2	Target 4	Collagen, type I, alpha 2	Hs01028956_m1
COL2A1	Target 5	Collagen, type II, alpha 1	Hs00264051_m1
COL12A1	Target 6	Collagen, type XII, alpha 1	Hs00189184_m1
COL3A1	Target 7	Collagen, type III, alpha 1	Hs00943809_m1
COL5A1	Target 8	Collagen, type V, alpha 1	Hs00609133_m1
KRT8	Target 9	Keratin 8	Hs01595539_g1
FN1	Target 10	Fibronectin 1	Hs01549976_m1
VIM	Target 11	Vimentin	Hs00958111_m1
NANOG	reference D0	Nanog homeobox	Hs02387400_g1
DLX5	reference D6	Distal-less homeobox 5	Hs01573641_mH
WNT7B	reference D13	Wingless-type MMTV integration site family, member 7B	Hs00536497_m1
GAPDH	Internal control	Glyceraldehyde-3-phosphate dehydrogenase	Hs02786624_g1