

## Supplementary Table1

Primers and UPL probes used in qRT-PCR analysis

<b>Genes</b>	<b>Primer (left)</b>	<b>Primer (right)</b>	<b>UPL Probe</b>
<i>Tcf1</i>	ggagctgcagccatgatag	tagcctccttctctgccttg	96
<i>Axin2</i>	gagagtgagcggcagagc	cggctgactcgttctcct	96
<i>Ccnd1</i>	gagatttgccatccatgc	ctcctcttcgcacttctgct	67
<i>c-Myc</i>	cctagtgtgcatgaggaga	tccacagacaccacatcaattt	77
<i>Nphs2</i>	ccatctggttctgcataaagg	ccaggaccttggctcttc	38
<i>Synpo</i>	gtagccaggtgagccaagg	tttcggtgaagcttgctgc	67
<i>Nphs1</i>	aacatccagctcgtcagcat	agggctcacgctcacaac	45
<i>Podxl</i>	cctgcactcactccataat	tctgtgatgttggtgactt	21
<i>Fat1</i>	caaccacgtcaggaagc	caccgttctctgcacagtaactt	18
<i>Fyn</i>	gccaagcagtggttgaagg	cagcggcggactgactt	89
<i>Wnt4</i>	ctggactccctccctgtctt	atgcccttgcactgcaaa	62
<i>Pax8</i>	gcagctatgcctcttctgcta	gctgtaggcattgccagaat	4
<i>Pax2</i>	cactgatcctgccacatta	cattagggacagagccctca	10
<i>Fgf8</i>	tctgcctaaagtacacagc	tgagctgatccgtcacca	32
<i>Jag1</i>	gaggcgtcctctgaaaaaca	acccaagccactgtaagaca	6
<i>Lhx1</i>	aatgcaacctgaccgagaag	cgcatttggtagcgaacat	7
<i>Dll1</i>	gggcttctctggcttcaac	taagagttgccgaggtccac	103
<i>HeyL</i>	ctgaattgcgacgattggt	gcaagacctcagctttctcc	25
<i>Hey1</i>	accatcgaggtggaaaagg	cttctcgatgatgcctctcc	72
<i>Lgr5 probe/primer1</i>	cttcaactcgggtgcagtgtct	gatcagccagctaccaatagg	60
<i>Lgr5 probe/primer2</i>	ttcaactcgggtgcagtgtct	ggatcagccagctaccaata	100
<i>Lgr5 probe/primer3</i>	tgcagaacaaccagctgaga	gatgtggttggcatctagcc	69
<i>Lgr4 probe/primer1</i>	cagttaccagaagatgcatttaagaa	caaggcttttgggtggataa	20
<i>Lgr4 probe/primer1</i>	tcaggctattaaagcccttcc	tccatccgggataacagaaa	33