

# **Supplemental Material**

**Table S1. List of All Genes Tested on the Nanostring nCounter Gene Expression Panel.**

<b>Gene ID</b>	<b>Purpose</b>
APC	Wnt Pathway
AXIN1	Wnt Pathway
AXIN2	Wnt Pathway
CDH2	Wnt Pathway
CTNNB1	Wnt Pathway
DKK1	Wnt Pathway
DKK2	Wnt Pathway
DKK3	Wnt Pathway
DKK4	Wnt Pathway
FRZB	Wnt Pathway
FZD1	Wnt Pathway
FZD4	Wnt Pathway
FZD6	Wnt Pathway
FZD7	Wnt Pathway
FZD9	Wnt Pathway
GSK3B	Wnt Pathway
HNF1A	Wnt Pathway
KREMEN1	Wnt Pathway
LEF1	Wnt Pathway
LRP4	Wnt Pathway
LRP5	Wnt Pathway
LRP6	Wnt Pathway
SFRP1	Wnt Pathway
SFRP2	Wnt Pathway
SFRP4	Wnt Pathway
SFRP5	Wnt Pathway
SOST	Wnt Pathway
TCF4	Wnt Pathway
TCF7	Wnt Pathway
WIF1	Wnt Pathway
WISP1	Wnt Pathway
WISP2	Wnt Pathway
WISP3	Wnt Pathway
WNT1	Wnt Pathway
WNT3A	Wnt Pathway
WNT4	Wnt Pathway
WNT5A	Wnt Pathway
WNT5B	Wnt Pathway
WNT7A	Wnt Pathway
WNT7B	Wnt Pathway
WNT10B	Wnt Pathway
WNT11	Wnt Pathway
WNT16	Wnt Pathway
ABCF1	Reference
GUSB	Reference
HPRT1	Reference

**Table S2. Spearman correlation coefficients between expressed wnt genes.**

	AXIN1	AXIN2	CDH2	CTNNB1	FZD1	FZD6	GSK3B	Kremen1	LEF1	SFRP2	TCF4	TCF7	WNT16	factor 1	factor 2	factor 3
<b>APC</b>	<b>0.268</b>	<b>0.141</b>	<b>0.120</b>	<b>0.472</b>	<b>0.237</b>	0.084	<b>0.672</b>	<b>0.441</b>	0.062	0.041	<b>0.155</b>	0.050	0.096	<b>0.718</b>	-0.015	<b>0.215</b>
<b>AXIN1</b>		<b>0.223</b>	0.043	<b>0.460</b>	-0.085	-0.033	<b>0.336</b>	0.073	0.089	0.023	<b>0.117</b>	<b>0.224</b>	-0.026	<b>0.391</b>	<b>0.180</b>	-0.037
<b>AXIN2</b>			0.062	<b>0.216</b>	<b>-0.124</b>	<b>0.148</b>	0.043	-0.037	<b>0.747</b>	0.049	<b>0.261</b>	<b>0.788</b>	0.068	0.065	<b>0.809</b>	0.083
<b>CDH2</b>				0.028	<b>0.172</b>	<b>0.588</b>	0.018	0.028	0.25	<b>0.706</b>	0.001	0.047	<b>0.664</b>	0.035	0.027	<b>0.821</b>
<b>CTNNB1</b>					0.032	-0.048	<b>0.668</b>	<b>0.378</b>	<b>0.141</b>	0.018	<b>0.202</b>	<b>0.184</b>	0.021	<b>0.730</b>	<b>0.121</b>	0.010
<b>FZD1</b>						<b>0.203</b>	0.083	<b>0.140</b>	<b>-0.131</b>	<b>0.176</b>	0.056	<b>-0.182</b>	<b>0.140</b>	<b>0.107</b>	<b>-0.206</b>	<b>0.359</b>
<b>FZD6</b>							-0.083	-0.078	<b>0.143</b>	<b>0.508</b>	0.014	<b>0.122</b>	<b>0.508</b>	-0.074	<b>0.118</b>	<b>0.816</b>
<b>GSK3B</b>								<b>0.547</b>	-0.032	-0.006	0.073	0.001	-0.043	<b>0.990</b>	-0.092	-0.003
<b>KREMEN1</b>									-0.065	0.011	-0.070	-0.077	-0.053	<b>0.572</b>	<b>-0.130</b>	0.042
<b>LEF1</b>										0.021	<b>0.184</b>	<b>0.884</b>	0.063	-0.021	<b>0.925</b>	0.030
<b>SFRP2</b>												-0.008	0.026	<b>0.569</b>	0.006	<b>0.731</b>
<b>TCF4</b>													<b>0.208</b>	0.098	<b>0.207</b>	0.097
<b>TCF7</b>														0.013	<b>0.986</b>	0.003
<b>WNT16</b>														0.092	0.076	<b>0.639</b>
<b>factor 1</b>															-0.028	0.022
<b>factor 2</b>																-0.079
<b>factor 3</b>																

**BOLD** signifies significant correlation (P<0.05)