


**Supplementary Table S7.** Reactome pathways for 479 DEGs from HKCs (TGFβ1 + CMS) vs. HCFs (TGFβ1 + CMS) (FDR ≤ 0.05).

Homo sapiens (REF)		Client Text Box Input (▼ <a href="#">Hierarchy</a> <b>NEW!</b>  )					
<a href="#">Reactome pathways</a>	#	#	<a href="#">expected</a>	<a href="#">Fold Enrichment</a>	<a href="#">+/-</a>	<a href="#">raw P value</a>	<a href="#">FDR</a>
<a href="#">Maturation of nucleoprotein</a>	<a href="#">11</a>	<a href="#">4</a>	.24	16.75	+	2.28E-04	4.06E-02
<a href="#">Interferon alpha/beta signaling</a>	<a href="#">68</a>	<a href="#">19</a>	1.48	12.87	+	2.10E-14	5.23E-11
↳ <a href="#">Interferon Signaling</a>	<a href="#">197</a>	<a href="#">23</a>	4.28	5.38	+	3.61E-10	4.51E-07
↳ <a href="#">Cytokine Signaling in Immune system</a>	<a href="#">697</a>	<a href="#">36</a>	15.13	2.38	+	4.98E-06	2.48E-03
<a href="#">Laminin interactions</a>	<a href="#">30</a>	<a href="#">8</a>	.65	12.28	+	1.09E-06	6.80E-04
<a href="#">Defective B3GALTL causes PpS</a>	<a href="#">38</a>	<a href="#">7</a>	.83	8.48	+	4.21E-05	1.31E-02
<a href="#">O-glycosylation of TSR domain-containing proteins</a>	<a href="#">39</a>	<a href="#">7</a>	.85	8.27	+	4.88E-05	1.35E-02
<a href="#">Integrin cell surface interactions</a>	<a href="#">84</a>	<a href="#">11</a>	1.82	6.03	+	5.54E-06	2.30E-03
<a href="#">Interferon gamma signaling</a>	<a href="#">91</a>	<a href="#">11</a>	1.98	5.57	+	1.11E-05	3.94E-03
<a href="#">Collagen biosynthesis and modifying enzymes</a>	<a href="#">67</a>	<a href="#">8</a>	1.45	5.50	+	1.90E-04	3.64E-02
↳ <a href="#">Collagen formation</a>	<a href="#">89</a>	<a href="#">10</a>	1.93	5.18	+	4.90E-05	1.22E-02
<a href="#">Degradation of the extracellular matrix</a>	<a href="#">140</a>	<a href="#">12</a>	3.04	3.95	+	1.02E-04	2.31E-02
Unclassified	<a href="#">1008</a> <a href="#">2</a>	<a href="#">17</a> <a href="#">9</a>	218.89	.82	-	1.87E-04	3.89E-02