

**Supplementary Table S4.** Molecular function gene ontology terms for 479 DEGs from HKCs (TGFβ1 + CMS) vs. HCFs (TGFβ1 + CMS) (FDR ≤ 0.05).

	<a href="#">Homo sapiens</a> (REF)	Client Text Box Input ( <a href="#">Hierarchy</a> <b>NEW!</b> <a href="#">?</a> )					
<a href="#">GO molecular function complete</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="#">TAP binding</a>	<a href="#">8</a>	<a href="#">4</a>	.17	23.03	+	8.70E-05	3.33E-02
↳ <a href="#">protein binding</a>	<a href="#">14448</a>	<a href="#">367</a>	313.68	1.17	+	1.27E-08	2.10E-05
↳ <a href="#">binding</a>	<a href="#">16594</a>	<a href="#">412</a>	360.27	1.14	+	2.05E-11	1.02E-07
<a href="#">extracellular matrix binding</a>	<a href="#">56</a>	<a href="#">8</a>	1.22	6.58	+	6.10E-05	2.53E-02
<a href="#">extracellular matrix structural constituent</a>	<a href="#">174</a>	<a href="#">21</a>	3.78	5.56	+	1.24E-09	3.08E-06
<a href="#">integrin binding</a>	<a href="#">159</a>	<a href="#">14</a>	3.45	4.06	+	2.08E-05	1.15E-02
↳ <a href="#">signaling receptor binding</a>	<a href="#">1602</a>	<a href="#">69</a>	34.78	1.98	+	1.13E-07	9.38E-05
<a href="#">glycosaminoglycan binding</a>	<a href="#">242</a>	<a href="#">16</a>	5.25	3.05	+	1.39E-04	4.93E-02
<a href="#">actin binding</a>	<a href="#">451</a>	<a href="#">27</a>	9.79	2.76	+	4.52E-06	3.21E-03
↳ <a href="#">cytoskeletal protein binding</a>	<a href="#">1006</a>	<a href="#">45</a>	21.84	2.06	+	8.15E-06	5.07E-03
<a href="#">signaling receptor regulator activity</a>	<a href="#">553</a>	<a href="#">28</a>	12.01	2.33	+	5.75E-05	2.60E-02
<a href="#">calcium ion binding</a>	<a href="#">735</a>	<a href="#">35</a>	15.96	2.19	+	3.01E-05	1.50E-02
Unclassified	<a href="#">2297</a>	<a href="#">16</a>	49.87	.32	-	1.56E-08	1.55E-05
<a href="#">olfactory receptor activity</a>	<a href="#">441</a>	<a href="#">0</a>	9.57	< 0.01	-	1.48E-04	4.91E-02