

Supplementary Table S12. Reactome pathways for KC-altered genes responsive to TGFβ1 treatment (FDR ≤ 0.05).

PANTHER Reactome pathways

Homo sapiens (REF)

Client Text Box Input

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Hierarchy

NEW!

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Reactome pathways	#	#	expecte d	Fold Enrichment	+/ -	raw P value	FDR
Interferon alpha/beta signaling	68	9	.65	13.83	+	4.75E-08	1.19E-04
↳ Interferon Signaling	19 7	1 1	1.88	5.84	+	4.99E-06	6.22E-03
↳ Cytokine Signaling in Immune system	69 7	2 0	6.67	3.00	+	1.68E-05	1.40E-02

DAVID Reactome pathways

Sublist	Category	Term	RT	Genes	Count	%	P-Value	FDR	Fisher Exact
<input type="checkbox"/>	REACTOME_PATHWAY	Interferon alpha/beta signaling	RT		10	5.1	4.9E-8	2.5E-5	3.3E-9
<input type="checkbox"/>	REACTOME_PATHWAY	Interferon Signaling	RT		11	5.6	4.2E-5	1.1E-2	7.5E-6
<input type="checkbox"/>	REACTOME_PATHWAY	Cytokine Signaling in Immune system	RT		20	10.3	1.5E-4	2.6E-2	5.6E-5
<input type="checkbox"/>	REACTOME_PATHWAY	Extracellular matrix organization	RT		12	6.2	2.7E-4	3.5E-2	6.8E-5