

Supple Figure S1

a

P value	Q value	Pathway	Source
6.76 x 10⁻⁸	2.13 x 10⁻⁴	EGFR1	NetPath
1.05 x 10 ⁻⁵	1.62 x 10 ⁻³	FoxO signaling pathway - Homo sapiens	KEGG
1.54 x 10 ⁻⁶	1.62 x 10 ⁻³	Amoebiasis - Homo sapiens	KEGG
3.11 x 10 ⁻⁶	2.45 x 10 ⁻³	Interleukin-6 signaling	Reactome
6.73 x 10 ⁻⁶	3.94 x 10 ⁻³	Hemostasis	Reactome
7.51 x 10 ⁻⁶	3.94 x 10 ⁻³	Leptin	NetPath
1.93 x 10 ⁻⁵	8.69 x 10 ⁻³	Extracellular matrix organization	Reactome
2.41 x 10 ⁻⁵	9.50 x 10 ⁻³	p53 signaling pathway - Homo sapiens	KEGG
4.55 x 10 ⁻⁵	1.57 x 10 ⁻²	Leptin signaling pathway	Wikipathways
5.00 x 10⁻⁵	1.57 x 10⁻²	MAPK1 (ERK2) activation	Reactome
6.00 x 10 ⁻⁵	1.72 x 10 ⁻²	Thyroid hormone signaling pathway - Homo sapiens	KEGG
7.23 x 10 ⁻⁵	1.87 x 10 ⁻²	ECM-receptor interaction - Homo sapiens	KEGG
9.32 x 10 ⁻⁵	1.87 x 10 ⁻²	Platelet activation - Homo sapiens	KEGG
9.60 x 10 ⁻⁵	1.87 x 10 ⁻²	Retinoblastoma (RB) in Cancer	Wikipathways
1.81 x 10 ⁻⁴	1.87 x 10 ⁻²	Alpha6Beta4Integrin	NetPath
1.81 x 10 ⁻⁴	1.87 x 10 ⁻²	Ectoderm Differentiation	Wikipathways
1.83 x 10⁻⁴	1.87 x 10⁻²	EGF-EGFR Signaling Pathway	Wikipathways
2.25 x 10 ⁻⁴	1.87 x 10 ⁻²	Toxoplasmosis	Wikipathways
2.49 x 10 ⁻⁴	1.87 x 10 ⁻²	Polycystic Kidney Disease Pathway	Wikipathways

b

