Analysis Summary: Please report in publication

Analysis Type: PANTHER Overrepresentation Test (Released 20210224)

Annotation Version and Release Date: PANTHER version 16.0 Released 2020-12-01

Analyzed List: allDEgenes.txt (Homo sapiens) Change

Reference List: Homo sapiens (all genes in database) Change

Annotation Data Set: PANTHER GO-Slim Cellular Component

Test Type: Fisher's Exact Binomial

Correction: Calculate False Discovery Rate Use the Bonferroni correction for multiple testing No correction

Results

	Reference list	allDEgenes.txt
Uniquely Mapped IDS:	20595 out of 20595	361 out of 361
Unmapped IDs:	0	12
Multiple mapping information:	0	0

Export Table XML with user input ids JSON with user input ids View: -- Please select a chart to display --

Displaying only results for FDR P < 0.05, click here to display all results

	Homo sapiens (REF)	allDEgenes.txt (Hierarchy NEW!)					
PANTHER GO-Slim Cellular Component	#	#	expected	Fold Enrichment	+/-	raw P value	FDR
intermediate filament	16	5	.28	17.83	+	2.39E-05	3.04E-03
↳intermediate filament cytoskeleton	17	5	.30	16.78	+	3.05E-05	3.10E-03
↳cytoskeleton	667	24	11.69	2.05	+	1.42E-03	4.25E-02
↳cellular anatomical entity	11122	225	194.95	1.15	+	1.65E-03	4.41E-02
↳polymeric cytoskeletal fiber	304	14	5.33	2.63	+	1.32E-03	4.47E-02
↳supramolecular fiber	356	16	6.24	2.56	+	7.86E-04	3.99E-02
↳supramolecular polymer	364	16	6.38	2.51	+	9.83E-04	4.16E-02
↳supramolecular complex	477	20	8.36	2.39	+	5.86E-04	3.31E-02
apical junction complex	45	5	.79	6.34	+	1.66E-03	4.20E-02
↳cell-cell junction	129	11	2.26	4.86	+	3.19E-05	2.70E-03
↳anchoring junction	168	13	2.94	4.41	+	1.63E-05	2.75E-03
receptor complex	213	17	3.73	4.55	+	5.52E-07	2.81E-04
collagen-containing extracellular matrix	112	8	1.96	4.07	+	1.13E-03	4.42E-02

↳extracellular matrix	240	16	4.21	3.80	+	1.03E-05	2.62E-03
integral component of plasma membrane	786	28	13.78	2.03	+	5.01E-04	3.18E-02
↳intrinsic component of plasma membrane	798	28	13.99	2.00	+	8.47E-04	3.91E-02
↳membrane	4165	103	73.01	1.41	+	2.09E-04	1.52E-02
↳intrinsic component of membrane	1180	36	20.68	1.74	+	1.40E-03	4.44E-02
↳integral component of membrane	1151	36	20.18	1.78	+	1.13E-03	4.11E-02
ribonucleoprotein complex	413	0	7.24	< 0.01	-	1.60E-03	4.50E-02