

Supplementary table 3: GO cellular component complete

GO cellular component complete	Nos genes in reference list	Nos genes in present study	Expected value	Fold Enrichment	+/-	P value
endocytic vesicle lumen	22	3	.03	93.61	+	9.15E-03
↳endocytic vesicle	337	6	.49	12.22	+	1.26E-02
↳cytoplasmic vesicle	2450	16	3.57	4.48	+	6.79E-05
↳intracellular vesicle	2456	16	3.58	4.47	+	7.03E-05
↳vesicle	3930	23	5.72	4.02	+	2.17E-08
blood microparticle	143	17	.21	81.61	+	8.96E-26
↳extracellular space	3386	25	4.93	5.07	+	2.38E-12
↳extracellular region	4370	26	6.37	4.08	+	5.33E-11
platelet alpha granule lumen	67	6	.10	61.48	+	1.30E-06
↳platelet alpha granule	91	6	.13	45.26	+	7.34E-06
↳secretory granule	867	12	1.26	9.50	+	2.08E-06
↳secretory vesicle	1035	12	1.51	7.96	+	1.49E-05
↳secretory granule lumen	321	12	.47	25.66	+	2.51E-11
↳cytoplasmic vesicle lumen	325	12	.47	25.35	+	2.90E-11
↳vesicle lumen	327	12	.48	25.19	+	3.11E-11
endoplasmic reticulum lumen	313	7	.46	15.35	+	4.45E-04
collagen-containing extracellular matrix	426	9	.62	14.50	+	1.08E-05
↳extracellular matrix	571	9	.83	10.82	+	1.28E-04

↳external encapsulating structure	572	9	.83	10.80	+	1.30E-04
↳cell periphery	6335	22	9.23	2.38	+	2.96E-03
extracellular exosome	2098	21	3.06	6.87	+	1.35E-11
↳extracellular vesicle	2118	21	3.09	6.81	+	1.63E-11
↳extracellular membrane-bounded organelle	2120	21	3.09	6.80	+	1.66E-11
↳extracellular organelle	2120	21	3.09	6.80	+	1.66E-11
cell surface	927	9	1.35	6.67	+	6.95E-03