

Supplementary Table 3: DAVID analysis performed on genes specifically deregulated in IMPC

Annotation cluster	Nb of genes	p-val (BH)
Extracellular matrix	83	5.0E-26
Extracellular matrix part	39	1.7E-16
Cell adhesion	96	1.3E-12
Basement membrane	13	3.7E-05
Cell binding	8	2.5E-04
Actin cytoskeleton	36	6.7E-04
Endoplasmic reticulum	65	1.2E-03
Actin binding	11	1.2E-03
Repeat: LRR 12	19	1.3E-03
Cell motion and migration	53	1.8E-03
Blood vessel development and angiogenesis	33	3.1E-03
Repeat: LRR 11	19	4.4E-03
Adherens junction	23	6.3E-03
Vesicle lumen	11	1.3E-02
Anchoring junction	23	2.1E-02
Platelet alpha granule lumen	11	2.3E-02
Repeat: LRR 10	19	2.5E-02
Collagen metabolic process	9	2.8E-02
Tight junction	11	2.9E-02
Cytoplasmic membrane-bounded vesicle lumen	10	2.9E-02
Cell-cell junction	24	3.0E-02
Glycosaminoglycan binding	20	3.6E-02
Regulation of cell migration	23	4.1E-02
EGF-like region, conserved site	35	4.2E-02
Thyroglobulin type-1	7	4.7E-02

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