

Figure S1' for Review

Figure S1a'. Functional annotation (FA) results. Bar chart showing the frequency of representative categories within the gene list "A > C".

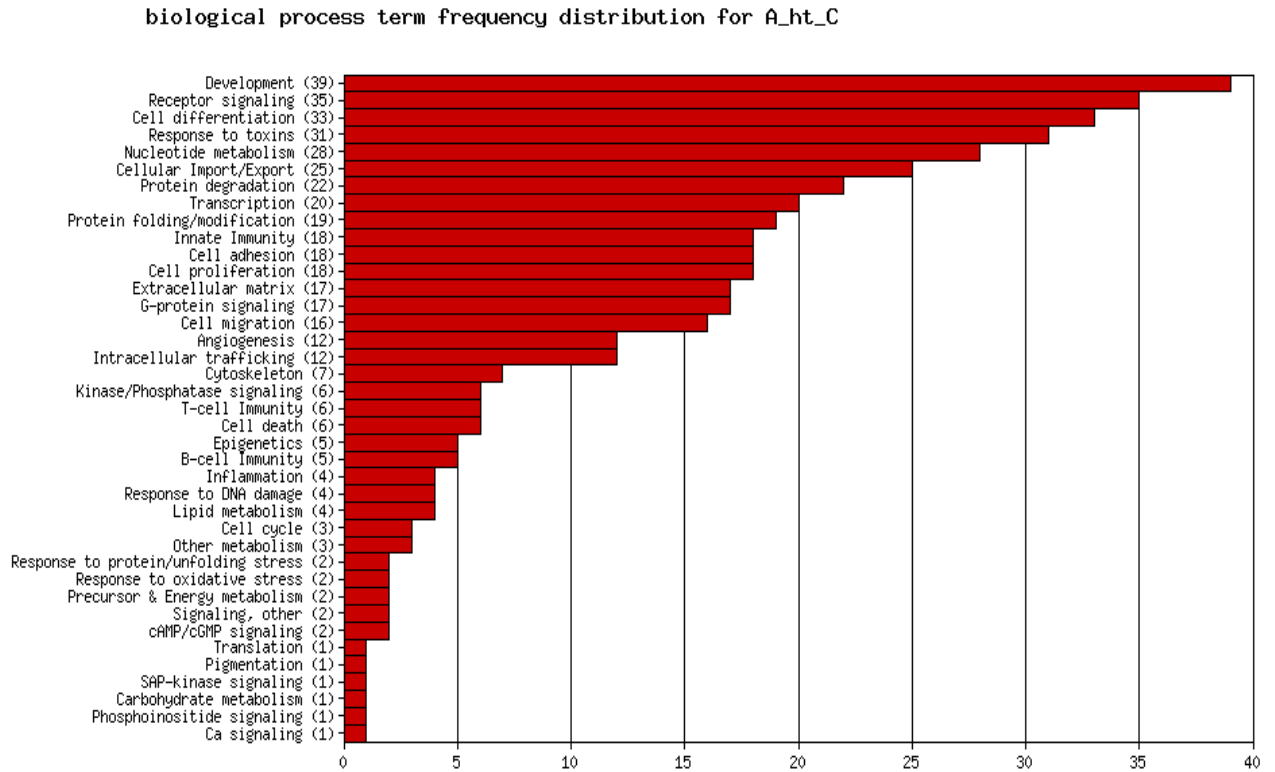


Figure S1b'. Functional annotation (FA) results. Statistically enriched categories sorted by probability (Benjamini-Hochberg corrected) indicated by their adjusted p-value within the gene list "A > C".

Category (times observed)	Probability
Extracellular matrix (17)	3.08e-06
Angiogenesis (12)	1.64e-03
Cell differentiation (33)	3.90e-03
Development (39)	3.90e-03
Cell migration (16)	6.69e-03
Innate Immunity (18)	6.69e-03
Receptor signaling (35)	6.69e-03
Cell adhesion (18)	1.46e-02
Cell proliferation (18)	3.47e-02
Response to toxins (31)	3.47e-02

Table 2’. Synopsis of up- or down-regulated gene family. Most prominent findings of the Functional Annotation (FA) analysis, highlighted in beige and of the Annotation Enrichment (AEA) analysis, shown with blue background.

A > C	A < C
Extracellular matrix (some collagens)	Cellular Import/Export
Angiogenesis	Extracellular matrix
Cell differentiation	Cell adhesion
Development	Cell differentiation
Innate Immunity	Development
Receptor signaling	Phosphoinositide signaling
Cell migration	Receptor signaling
Cell adhesion	cell communication
Response to toxins	TGF-beta signaling pathway
Cell proliferation	EGF-like protein domain
pos. regulation of leukocyte/T-cell activation	hormone secretion
some MHC II molecules with various associated categories	
cellular calcium ion transport	
neurogenesis	
blood vessel development	
some cytokines/chemokines associated with various signaling pathways	
IFN γ response	