Suppl. Table 3 – Label Free Proteomic data – Up-regulated proteins (u-A1) – Ingenuity Analysis

Diseases and Disorders

Name	p-value	# Molecules
Infectious Disease	3.18×10^{-04} - 2.82×10^{-02}	79
Dermatological Diseases and Conditions	4.72×10^{-04} - 2.82×10^{-02}	64
Immunological Disease	4.72×10^{-04} - 2.85×10^{-02}	25
Inflammatory Disease	4.72×10^{-04} - 2.82×10^{-02}	15
Developmental Disorder	6.90×10^{-04} - 2.82×10^{-02}	33

Molecular and Cellular Functions

Name	p-value	# Molecules
Protein Synthesis	2.47×10^{-06} - 2.82×10^{-02}	40
Gene Expression	8.64×10^{-06} - 2.03×10^{-02}	18
Energy Production	5.42×10^{-05} - 1.10×10^{-02}	20
Lipid Metabolism	5.42×10^{-05} - 2.82×10^{-02}	37
Small Molecule Biochemistry	5.42×10^{-05} - 2.82×10^{-02}	74

Physiological System Development and Function

Name	p-value	# Molecules
Behavior	7.92×10^{-04} - 2.82×10^{-02}	2
Hair and Skin Development and Function	2.33×10^{-03} - 2.82×10^{-02}	3
Tumor Morphology	5.15×10^{-03} - 2.82×10^{-02}	5
Renal and Urological System Development and Function	7.49×10^{-03} - 7.49×10^{-03}	2
Tissue Development	7.49×10^{-03} - 2.82×10^{-02}	7