

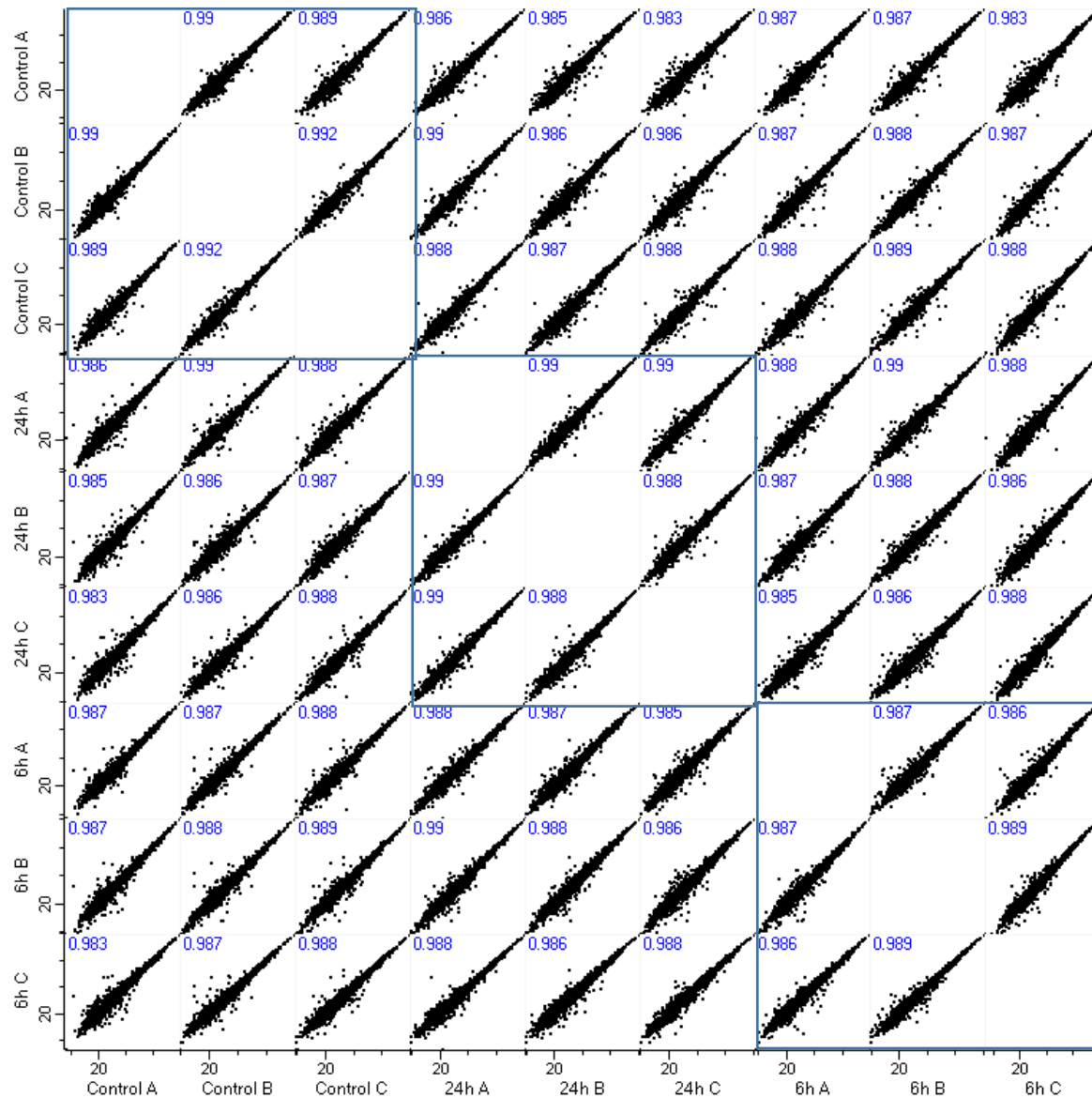
Supplementary Information

Extracellular IL-33 cytokine, but not endogenous nuclear IL-33, regulates protein expression in endothelial cells

Violette Gautier¹, Corinne Cayrol¹, Dorian Farache¹, Stéphane Roga¹, Bernard Monsarrat¹, Odile Burlet-Schiltz¹, Anne Gonzalez de Peredo¹ and Jean-Philippe Girard^{1,*}

¹Institut de Pharmacologie et de Biologie Structurale, Université de Toulouse, CNRS, UPS, Toulouse, France

Supplementary Figure 1: Multi scatter plot of MS data showing repeatability between replicate experiments (denoted A, B and C for each condition) and global proteome stability between biological conditions (Control, I133 stimulation 6h, I133 stimulation 24h). All LFQ intensity values for each protein were plotted after log2 transformation. Pearson correlation coefficients are indicated for each pairwise comparison.



Name	Contro	Contro	Contro	24h A	24h B	24h C	6h A	6h B	6h C
Control A	1	0.99	0.989	0.986	0.985	0.983	0.987	0.987	0.983
Control B	0.99	1	0.992	0.99	0.986	0.986	0.987	0.988	0.987
Control C	0.989	0.992	1	0.988	0.987	0.988	0.988	0.989	0.988
24h A	0.986	0.99	0.988	1	0.99	0.99	0.988	0.99	0.988
24h B	0.985	0.986	0.987	0.99	1	0.988	0.987	0.988	0.986
24h C	0.983	0.986	0.988	0.99	0.988	1	0.985	0.986	0.988
6h A	0.987	0.987	0.988	0.988	0.987	0.985	1	0.987	0.986
6h B	0.987	0.988	0.989	0.99	0.988	0.986	0.987	1	0.989
6h C	0.983	0.987	0.988	0.988	0.986	0.988	0.986	0.989	1

Pearson coefficients for pairwise comparisons

Supplementary Figure 2: Box-plots of MS intensity data (LFQ intensity values after log2 transformation) obtained from replicate experiments, in the 3 biological conditions (Control, IL33 stimulation 6h, IL33 stimulation 24h), for all proteins showing significant expression changes in either 24h versus control or 6h versus control comparisons.

