

A							
	NDUFA4	NDUFA6	UQCQRQ	ATP5J	COX6A1	COX7A2	COX7B
R	0.36	0.39	0.31	0.49	0.31	0.25	0.37
R²	0.13	0.16	0.10	0.24	0.09	0.06	0.14

B							
	NDUFA4	NDUFA6	UQCQRQ	ATP5J	COX6A1	COX7A2	COX7B
R	0.34	0.39	0.34	0.43	0.36	0.32	0.36
R²	0.11	0.15	0.11	0.18	0.13	0.10	0.13

Additional file 5: Low correlation between inflammatory state or disease activity and gene expression level from the ETC pathway at baseline.

Pearson correlation coefficient (R) and coefficient of determination (R²) were calculated for each gene expression level (Fold Change) for the 7 mRNA from “electron transport chain” pathway significantly dysregulated between R and NR and CRP rate (mg/mL) (A) or DAS28(CRP) (B). n=36 rheumatoid arthritis patients (subset 1). R: responder, NR: non-responders, CRP: C reactive protein, DAS28: Disease activity score 28.