

Supplementary Table S3. Detailed clinical and laboratory data for RA patients non-naïve to b/tsDMARDs starting JAKi (Cohort 2).

Clinical parameters	RA non-naïve patients starting JAKi (n=32)	3-months (n=29)	6-months (n=29)	12-months (n=23)
Male/Female (n/n)	7/25	-	-	-
Age, years (mean ± SD)	49.75 ± 9.44	-	-	-
Disease evolution, years (mean ± SD)	13.81 ± 9.55	-	-	-
TJC (mean ± SD)	4.53 ± 3.41	1.89 ± 3.05***	1.97 ± 2.83***	1.70 ± 1.99**
SJC (mean ± SD)	2.50 ± 2.46	0.79 ± 1.45***	0.38 ± 0.68***	0.78 ± 1.70**
DAS28-CRP (mean ± SD)	4.20 ± 0.85	2.62 ± 1.18****	2.81 ± 0.99****	2.79 ± 0.99****
SDAI (mean ± SD)	22.63 ± 7.37	10.67 ± 8.48****	12.04 ± 7.29****	12.21 ± 6.75****
CDAI (mean ± SD)	21.34 ± 7.03	10.04 ± 8.27****	11.45 ± 7.18****	11.76 ± 6.69****
HAQ (mean ± SD)	1.04 ± 0.47	1.75 ± 0.35	-	-
Smoking (n, %)	10, 31.25%	-	-	-
Hypertension (n, %)	6, 18.75%	-	-	-
Laboratory parameters				

CRP, mg/mL (mean ± SD)	12.86 ± 15.03	6.34 ± 10.82*	5.96 ± 9.19*	5.52 ± 5.65**
ESR, mm/h (mean ± SD)	29.97 ± 19.75	17.75 ± 13.37**	18.52 ± 14.09*	17.90 ± 8.90*
ACPAs positivity (n, %)	25, 78.12%	3, 9.38%	18, 56.25%	16, 50.00%
RF positivity (n, %)	25, 78.12%	21, 65.62%	24, 75.00%	23, 71.88%
Treatments				
Corticosteroids (n, %)	25, 78.12%	-	-	-
cDMARDs (n, %)	24, 75.00%	-	-	-
TNFi (n, %)	18, 56.25%	-	-	-
IL6Ri (n, %)	5, 15.63%	-	-	-
JAKi (n, %)	7, 21.88%	-	-	-
CTLA-4 (n, %)	1, 3.13%	-	-	-
Anti-CD20 (n, %)	1, 3.13%	-	-	-

TJC (Tender Joint Count); SJC (Swollen Joint Count); DAS28-CRP (Disease Activity Score); SDAI (Simplified Disease Activity Index); CDAI (Clinical Disease Activity Index); HAQ (Health Assessment Questionnaire); CRP (C-reactive protein); ESR (Erythrocyte sedimentation rate)); ACPA (Anti-citrullinated protein antibodies); RF (Rheumatoid Factor); cDMARD (Conventional DMARDs); TNFi (Tumor necrosis factor inhibitor); IL6Ri

(Interleukin-6 Receptor Inhibitor); JAKi (Janus kinase inhibitor); CTLA-4 (Cytotoxic T-Lymphocyte Antigen 4). Statistical significance levels respect to baseline time were designated as follows: (****) <0.0001 p-value; (***) <0.001 p-value; (**) <0.01 p-value; (*) <0.05 p-value.