Supplemental Table S1. Change From DB Baseline to Week 40 (Non-Flared Patients) or to Flare Week 16 (Patients Who Flared) in Secondary Endpoints

Change from DB baseline, mean (SD)	Patients Who Did Not Flare		Patients Who Flared	
	Taper Arm at Week 40	Withdrawal Arm at Week 40	Taper Arm at Flare Week 16	Withdrawal Arm at Flare Week 16
Synovitis RAMRIS	0.1 (1.3) n=51	–0.1 (0.9) n=10	0.8 (1.8) n=25	0.1 (1.8) n=7
BME RAMRIS	0.0 (1.1) n=52	1.2 (3.5) n=10	–0.1 (0.5) n=26	0.3 (0.4) n=8
Composite of synovitis and BME RAMRIS	0.1 (1.9) n=51	1.1 (2.9) n=10	0.7 (1.9) n=25	0.4 (1.8) n=7
Tenosynovitis RAMRIS	0.4 (1.0) n=40	0.1 (0.9) n=9	0.2 (1.2) n=23	–0.1 (0.3) n=4
Inflammation RAMRIS*	0.6 (2.5) n=39	1.2 (3.2) n=9	0.8 (2.5) n=22	–0.9 (1.0) n=4
Erosion RAMRIS	0.1 (0.5) n=52	0.0 (1.1) n=10	0.3 (1.0) n=26	0.1 (0.9) n=8
DAS28(ESR)	0.0 (0.5) n=63	0.2 (0.4) n=11	1.2 (1.0) n=29	0.6 (0.8) n=8
CDAI	0.1 (1.3) n=63	–0.3 (0.5) n=11	4.5 (6.1) n=29	2.8 (4.2) n=8
SDAI	0.1 (1.4) n=63	–0.3 (0.6) n=11	3.6 (6.6) n=29	2.7 (4.2) n=8
HAQ-DI	–0.1 (0.3) n=63	0.0 (0.2) n=11	0.2 (0.4) n=29	0.1 (0.2) n=7
SJC28	0.0 (0.4) n=63	–0.1 (0.3) n=11	0.9 (1.8) n=30	0.3 (0.5) n=8
TJC28	0.0 (0.5) n=63	0.0 (0.0) n=11	1.8 (2.6) n=30	1.1 (1.9) n=8
ESR	1.4 (7.2) n=63	4.7 (8.9) n=11	8.0 (11.0) n=30	7.0 (14.4) n=8
PGA	1.0 (5.3) n=63	–0.6 (2.4) n=11	8.6 (12.5) n=30	7.6 (20.0) n=8
PtGA	0.0 (7.6) n=63	–1.7 (4.5) n=11	9.4 (13.5) n=29	6.9 (9.3) n=8
PtGA RA pain	–0.5 (10.0) n=63	–0.9 (5.1) n=11	8.0 (14.4) n=29	4.3 (6.3) n=8
RAPID-3	0.0 (2.4) n=63	0.8 (1.6) n=11	2.9 (4.2) n=29	2.1 (3.0) n=7
SF-36 PCS	–0.4 (5.5) n=60	–2.1 (5.2) n=11	–3.8 (7.4) n=28	–2.5 (2.8) n=7
SF-36 MCS	–0.8 (5.9)	–0.4 (6.7) n=11	–4.0 (11.0) n=28	0.1 (2.6) n=7

FACIT-fatigue	n=60 −0.4 (4.0) n=61	−1.5 (4.8) n=11	−4.5 (9.0) n=28	−1.7 (1.9) n=7

Increase in scores indicates worsening for all endpoints, except for SF-36 and FACIT-fatigue in which increase in score represents better health.

LOCF analysis.

BME, bone marrow edema; CDAI, Clinical Disease Activity Index; DAS28(ESR), 28-joint Disease Activity Score based on erythrocyte sedimentation rate; DB, double-blind; FACIT, Functional Assessment of Chronic Illness Therapy; HAQ-DI, Health Assessment Questionnaire Disability Index; LOCF, last observation carried forward; MCS, mental component summary; PCS, physical component summary; PGA, Physician Global Assessment of disease activity; PtGA, Patient Global Assessment of disease activity; RAMRIS, Rheumatoid Arthritis Magnetic Resonance Imaging Score; SDAI, Simplified Disease Activity Index; SF-36, Short Form 36 Health Survey Questionnaire.

*Composite of synovitis, BME and tenosynovitis RAMRIS.

Supplemental Table S2. Change From DB Baseline to Flare Week 0 in Secondary Endpoints Among Patients Who Flared

	Taper Arm	Withdrawal Arm
DAS28(ESR)	2.3 (1.2)	1.9 (1.0)
	n=30	n=8
CDAI	12.3 (9.6)	9.4 (9.1)
	n=30	n=8
SDAI	11.6 (11.2)	9.9 (8.3)
	n=30	n=8
HAQ-DI	0.4 (0.6)	0.3 (0.3)
	n=25	n=7
SJC28	2.3 (2.6)	1.9 (2.1)
	n=30	n=8
TJC28	4.4 (4.6)	3.6 (3.8)
	n=30	n=8
ESR	10.4 (12.5)	13.0 (11.9)
	n=30	n=8
PGA	26.5 (23.3)	17.4 (15.4)
	n=30	n=8
PtGA	29.5 (29.4)	21.6 (27.1)
	n=30	n=8
PtGA RA pain	24.4 (31.7)	17.0 (19.4)
	n=30	n=8
RAPID-3	6.1 (6.6)	3.9 (5.6)
	n=30	n=8
SF-36 PCS	−10.8 (10.9)	−2.4 (10.8)
	n=22	n=5
SF-36 MCS	−4.1 (11.4)	0.4 (4.6)
	n=22	n=5
FACIT-fatigue	−7.4 (11.2)	−3.6 (4.8)
	n=28	n=8

Increase in scores indicates worsening for all endpoints, except for SF-36 and FACIT-fatigue in which increase in score represents better health.

LOCF analysis.

CDAI, Clinical Disease Activity Index; DAS28(ESR), 28-joint Disease Activity Score based on erythrocyte sedimentation rate; DB, double-blind; FACIT, Functional Assessment of Chronic Illness Therapy; HAQ-DI, Health Assessment Questionnaire Disability Index; LOCF, last observation carried forward; MCS, mental component summary; PCS, physical component summary; PGA, Physician Global Assessment of disease activity; PtGA, Patient Global Assessment of disease activity; SDAI, Simplified Disease Activity Index; SF-36, Short Form 36 Health Survey Questionnaire.