

	HLA-B27 available (N=790)		HLA-B27 not available (N = 676)		p
	N/mean	%/SD	N/mean	%/SD	
Men	401	50.8%	303	44.8%	0.023
Family history	262	33.2%	238	35.2%	0.411
Age (y)	47.8	14.2	51.7	13.1	<0.001
Age onset (y)	33.3	14.2	36.8	15.3	<0.001
Age at diagnosis (y)	40.7	14.2	44.5	13.4	<0.001
Diagnosis delay (m)	7.5	10.2	7.8	10.3	0.505
Disease duration (y)	14.6	12	15.0	11.8	0.491
Psoriatic arthritis	474	60%	559	82.7%	<0.001
Mono/oligoarticular pattern	352/716	49.2%	254/632	40.2%	0.001
Tarsitis	99	12.5%	66	9.8%	0.094
Enthesitis	397	50.3%	324	47.9%	0.375
Dactylitis	241	30.5%	241	35.7%	0.037
Peripheral structural damage	163	20.6%	209	30.9%	<0.001
Axial involvement	362	45.8%	243	35.9%	<0.001
Radiographic sacroilitis (AS* mNY* criteria fulfillment)	196/721	27.2%	162/532	30.5%	0.206
Shoulder involvement	145	18.4%	95	14.1%	0.027
Hip involvement	181	22.9%	102	15.1%	<0.001
Psoriasis	487	61.6%	523	77.4%	<0.001
Uveitis	75	9.5%	27	4.0%	<0.001
If uveitis, number of episodes	6.5	8.7	4.5	4.8	0.268
IBD*	18	3.3%	13	1.9%	0.637
Fibromyalgia	79	10%	89	13.2%	0.058

Supplementary table 1: Characteristics of patients with and without HLA-B27 available.

*AS: Ankylosing Spondylitis; mNY: New York modified; IBD: Inflammatory Bowel Disease.