

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