

Supplementary Table 1 AS patient demographics

	Total n=56	rs30187 (T/C)			rs27044 (G/C)		
		TT n=10	CT n=26	CC n=20	GG n=8	CG n=22	CC n=26
Age, mean ± SD years	43.0, ±12.7	49.1, ±15.3	42.1, ±13.7	41.8, ±10.3	52.1, ±14.1	40.2, ±13.7	43.1, ±11.1
Sex. male/female	41/15	5/5	21/5	15/5	3/5	20/2	8/18
BASDAI, mean ± SD	4.3, ±2.7	3.8, ±2.6	3.9, ±2.9	4.9, ±2.5	3.5, ±3.0	3.4, ±2.7	5.1, ±2.4
BASFI, mean ± SD	3.7, ±2.8	4.1, ±3.5	3.6, ±2.6	3.9, ±2.9	4.1, ±3.5	3.0, ±2.4	4.3, ±2.9
BASMI, mean ± SD	3.8, ±2.4	2.9, ±2.7	4.0, ±2.7	3.8, ±2.3	2.9, ±2.7	3.6, ±2.6	4.1, ±2.4

AS = Ankylosing Spondylitis; BASDAI = Bath Ankylosing Spondylitis Disease Activity Index; BASFI = Bath Ankylosing Spondylitis Functional Index; BASMI = Bath Ankylosing Spondylitis Metrology Index; none of the patients have been treated with TNF- α blockade (In some cases, score for BASDAI (n=4), BASFI (n=9) and BASMI (n=17) was not available).