

Supplementary Table 1: Baseline characteristics of the 475 patients of AIRD

Demographics	AZD1222 (n=364)	BVV152 (n=111)	P value
Age (Mean \pm SD)	57.23 \pm 11.28	51.17 \pm 10.37	>0.001
Females (%)	303(83.24%)	91(81.98%)	0.43
Comorbidity present	219(60.16%)	72(64.86%)	0.22
Disease			
Rheumatoid arthritis	261(71.70%)	77(69.36%)	0.36
Spondyloarthropathy	44(12.08%)	11(9.90%)	0.33
Systemic Lupus Erythematosus	8(2.19%)	1(0.90%)	0.34
Others	51(14.01%)	22(19.81%)	0.09
Drugs			
Methotrexate	219(60.16%)	65(58.55%)	0.26
Hydroxychloroquine	236(64.83%)	72(64.86%)	0.54
Sulfasalazine	75(20.60%)	19(17.11%)	0.25
Leflunomide	31(8.51%)	5(4.50%)	0.11
Tofacitinib	38(10.43%)	7(6.36%)	0.13
Mycophenolate Mofetil	18(4.94%)	10(9.09%)	0.09
Tacrolimus	5(13.73%)	2(1.80%)	0.51
Azathioprine	2(0.54%)	3(2.70%)	0.33
Rituximab	31(8.51%)	10(9.09%)	0.50

Anti-Tumor Necrosis Factor	3(0.82%)	3(2.70%)	0.41
Glucocorticoids	37(10.16%)	11(9.90%)	0.49