

Supplementary Table 1: Patients' and donors' characteristics and comparison of the baseline characteristics of the responders and the non-responders

	Patients	Donors	Responders	Non-responders	p-value
N	12	12	9	3	NA
Age (median (range))	35 (23-53)	37 (21-57)	31 (23 – 53)	45 (28-51)	0.282
Sex	Male: N=4 (30%) Female: N=8 (70%)	Male: N=7 (58%) Female: N=5 (42%)	Male: N=3 (33%) Female: N=6 (67%)	Male: N=1 (33%) Female: N=2 (67%)	0.764
BMI (median (range))	20.4 (18.7-33.8)	20.5 (18.5-25.5)	20.5 (18.7 – 34.0)	19.4 (18.6 – 22.7)	0.282
IBS duration (years)	14.5 (0.5-40)	NA	13 (0.5 – 35)	31 (10-40)	0.229
Psychotropic drug use	N=3 (25%)	NA	N=2 (29%)	N=1 (33%)	0.724
Relationship	NA	Partner: N=6 (50%) Relative: N=2 (17%) Unrelated: N=4 (33%)	Partner: N=5 (56%) Relative: N=2 (22%) Unrelated: N=2 (22%)	Partner: N=1 (33%) Relative: N=0 (0%) Unrelated: N=2 (66%)	NA