ESM Table 1: A summary of the number of families genotyped and the number of families analysed with at least both parents and one affected offspring genotyped for one or more of the 18 susceptibility loci discovered by Barrett *et al.* [1]. For further information about family collections see www-gene.cimr.cam.ac.uk/todd/dna-refs.shtml, www.t1dgc.org and Morahan *et al.* [2]. T1DGC – Type 1 Diabetes Genetics Consortium, DUK – Warren 1 Diabetes UK, HBDI – Human Biological Data Interchange, AP – Asia Pacific, EU – European, UK – United Kingdom, NA – North America.

Family collection	5,427 families	4,429 families of white European ancestry and providing one or more parent-child trios		
		Families analysed in Barrett *et al.* 2,107 families 4,212 trios	Additional families 2,322 families 2,801 trios	Parents in both Barrett *et al.* and additional families, but with different affected offspring
†DUK	470	468	--	--
*Yorkshire, UK	80	--	80	--
*Northern Ireland, UK	262	--	262	--
*Finland	1,229	--	1,210	--
*Romania	423	--	359	--
†HBDI	335	324	5	--
†T1DGC-AP	277	117	38	5
†T1DGC-EU	1,180	619	134	24
†T1DGC-UK	154	54	57	3
†T1DGC-NA	1,017	522	177	28

† Studies recruited affected sib-pair families. We note that the 262 families from Northern Ireland consisted of 244 simplex and 18 multiplex families, and the 1,229 families from Finland consisted of 1,132 simplex and 97 multiplex families.

* Families available through Juvenile Diabetes Research Foundation/Wellcome Trust Diabetes and Inflammation Laboratory and collaborators (see Acknowledgements).

References

[1] Barrett JC, Clayton DG, Concannon P, et al. (2009) Genome-wide association study and meta-analysis find that over 40 loci affect risk of type 1 diabetes. Nat Genet 41: 703-707

[2] Morahan G, Mehta M, James I, et al. (2011) Tests for genetic interactions in type 1 diabetes: linkage and stratification analyses of 4,422 affected sib-pairs. Diabetes 60: 1030-1040