

Table S4 Candidate regions associated by the ED algorithm

Chromosome ID	Start	End	Size (Mb)	Gene numbers
Chr6	33030000	33290000	0.260001	33
Chr6	33440000	33480000	0.040001	9
Chr6	33500000	33900000	0.400001	52
Chr6	33920000	33920000	1.00E-06	1
Chr6	33970000	33970000	1.00E-06	1
Chr6	34010000	35780000	1.770001	283
Chr6	46090000	47170000	1.080001	222
Chr6	47200000	47290000	0.090001	13
Chr6	47330000	47330000	1.00E-06	1
Chr6	48160000	48160000	1.00E-06	1
Chr6	48970000	48970000	1.00E-06	1
Chr6	48990000	48990000	1.00E-06	1
Chr6	50140000	50270000	0.130001	34
Chr7	31640000	31710000	0.070001	13
Chr7	35530000	35720000	0.190001	77
Chr7	35810000	35810000	1.00E-06	1
Chr7	35910000	35960000	0.050001	10
Total	-	-	4.080017	753