

**Table S2**

STSs used to localize breakpoints in two cases with pseudoisoy chromosomes.

STS	GenBank accession number	Results for WHT5557	Results for AMC1574
sY78	G38359	+	
sY1279	G75505	+	
sY3014	BV703881	+	
sY3015	BV703882	+	
sY3016	BV703883	+	
sY3017	BV703884	+	
sY3225	BV704090	+	
sY3228	BV704093	+	
sY3223	BV704088	-	
sY3226	BV704091	-	
sY3222	BV704087	-	
sY3227	BV704092	-	
sY3224	BV704089	-	
sY1214	BV703581	-	
sY1213	G75482	-	
sY1211	G75481	-	
sY1212	BV703580	-	
sY142	G38345	-	+
sY1278	G75504	-	
sY1197	G67168	-	+
sY1191	G73809	-	+
sY1291	G72340	-	+
sY1206	G67171	-	+
sY1201	G67170	-	-
sY1273	G75500	-	

STSs are ordered from centromere to telomere on Yq.