Figure S3  IL Usage to Map JR-Contig 1397 to chromosome V. SOLiD reads from the 49 IL lines were aligned to contig1397_start3075_9876.Reapr1 and Z scores calculated in each strain for both the depth of coverage (X axis) and the fraction of bases producing that coverage (Y axis), roughly approximating the levels of CB4856-unique sequence and the overall agreement with CB4856, respectively. IL lines ewir064 and ewir066 are substantially elevated in each statistic, indicating that these two ILs have sequence from this assembly contig. The shared CB4856 regions defined previously (e.g. in Figure S3) locate the contig to a genomic region. (waterston.gs.washington.edu/trackhubs/isolates/JR-Assembler/images)