The graph shows the average chi-square value for different percentages of QTL (%QTL) with two different methods: Random and QLS. The x-axis represents the percentage of QTL (%QTL), and the y-axis represents the average chi-square value. The graph indicates that as the percentage of QTL increases, the average chi-square value also increases, with the QLS method generally showing higher values compared to the Random method.