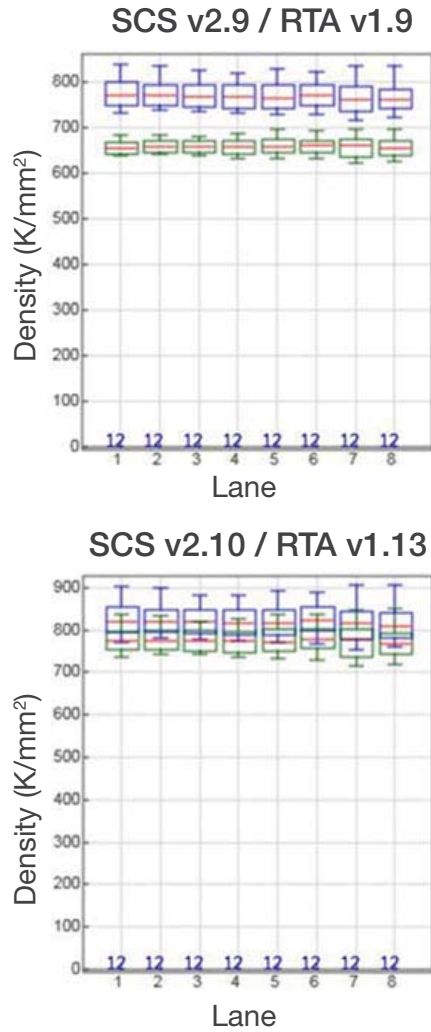




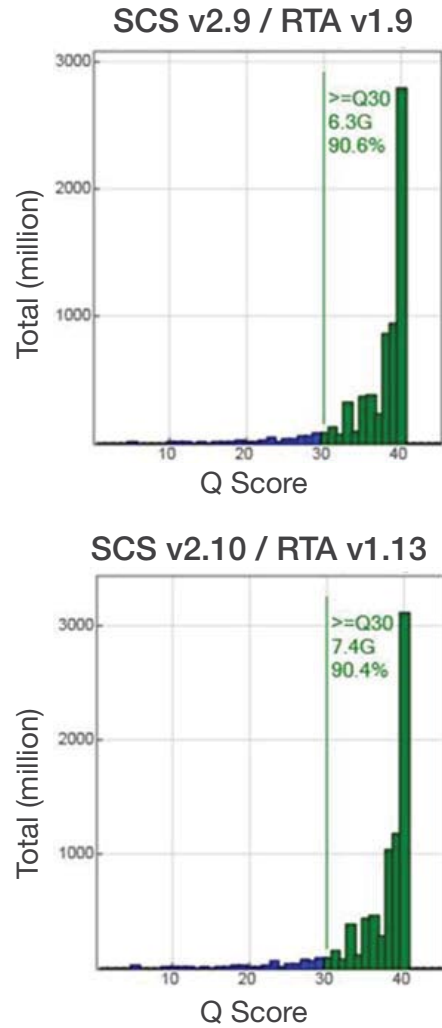


Figure 3: Cluster Density Plots



Cluster density plots for SCS v2.9 / RTA v1.9 to SCS v2.10 / RTA v1.13. Blue boxes denote raw cluster density, green boxes denote clusters passing filter. The red line indicates the median tile value, while the box outlines the interquartile range (the middle 50% of the data) for the tiles analyzed for the data point. The error bars indicate the minimum and maximum without outliers (values that are more than 1.5 times the interquartile range below the 25th percentile, or more than 1.5 times the interquartile range above the 75th percentile).

Figure 4: Counts vs QScore Plot



Number of bases by quality score plotted for SCS v2.9 / RTA v1.9 (top) and SCS v2.10 / RTA v1.13 (bottom). Only reads that pass the quality filter are included. Also indicated is the number and percentage of bases that have QScore of 30 or higher.