

The figure displays a scatter plot of light curves for four filters: g (purple), r (blue), i (green), and z (orange). The x-axis represents time in Modified Julian Days (MJD), ranging from 56200 to 57400. The y-axis represents magnitude, ranging from 14.0 to 16.0. The data points are clustered into three main groups, each corresponding to a different source. The first cluster (left) shows a relatively stable magnitude around 14.5-15.0. The second cluster (middle) shows a significant increase in magnitude, peaking around 15.5-16.0. The third cluster (right) shows a significant decrease in magnitude, reaching a minimum around 14.0-14.5. The legend in the top right corner identifies the filters: g (purple), r (blue), i (green), and z (orange).

