Ring 18 is frequently described as a combination of 18p– and 18q-. Indeed, there are usually deletions of both the p and the q arms of the chromosome in individuals with ring 18. However, rings are usually more complicated from the molecular standpoint. This article reviews the genetic content of ring chromosome 18’s. In this paper, 30 individuals with ring 18 were reported. We determined that each person had a different chromosomal make-up. That is to say, none of the rings contained precisely the same chromosomal material. We also know that ring chromosomes are often mosaic, which means that some cells carry the ring and some do not. It had been hypothesized that the level of mosaicism changes over a person’s lifetime. However, in this manuscript, we report that the level of mosaicism seems to be stable over time. We also report some of the clinical features of the individuals included in the paper, though this information may not be particularly useful to families of children with ring 18 because the chromosomal/molecular basis of this condition is so variable.