Barmah Forest Virus

National Cancer Institute

Source

A species of enveloped, spherical or pleomorphic viruses with a capsid with T=4 icosahedral symmetry in the Togaviridae family and Alphavirus genus. The genome is composed of single-stranded, positive-sense RNA. Barmah forest viruses are found in both vertebrates and invertebrates, and cause infectious arthritis, encephalitis, rashes and fever in humans. Barmah forest viruses are transmitted mainly via the bite of infected mosquitoes.