

[Open Peer Review on Qeios](#)

# Barmah Forest Virus

National Cancer Institute

## Source

National Cancer Institute. *Barmah Forest Virus*. NCI Thesaurus. Code C112232.

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.