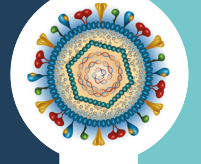


BÖLÜM 2

Astroviridae ve Bornaviridae

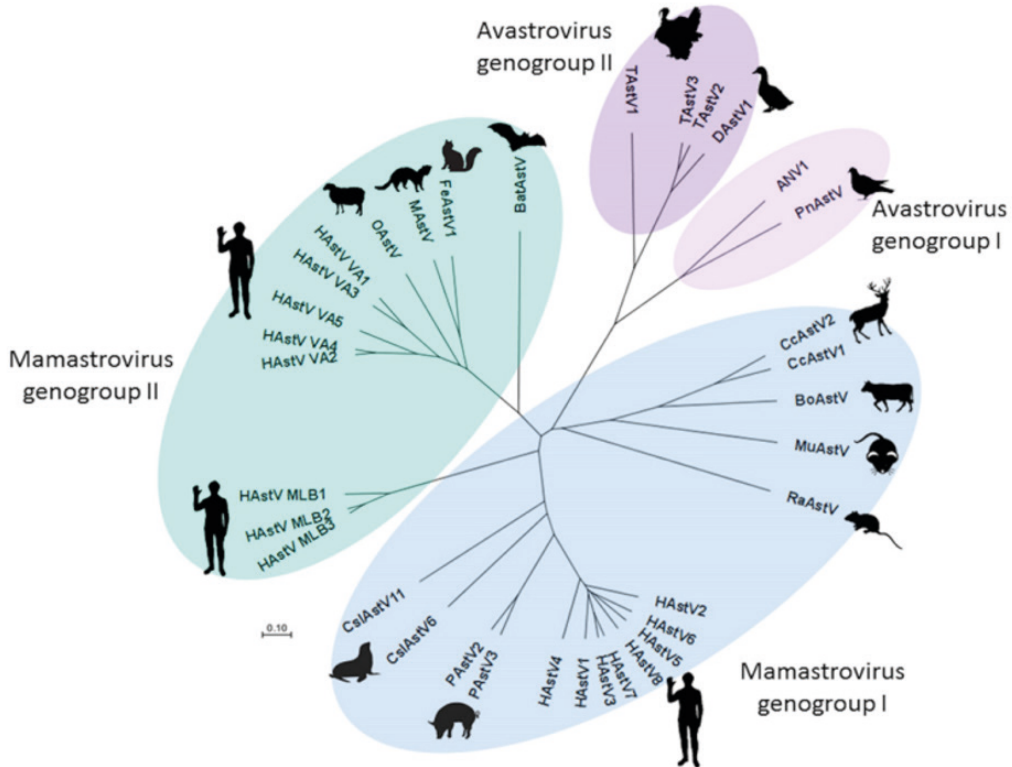


Mehmet Özkan TİMURKAN¹

ASTROVIRIDAE GENEL BİLGİLER

Zarfsız pozitif polariteli tek zincirli bir RNA virusu olan astrovirus, ilk olarak 1975'te gastroenterit klinik bulgulu bir bebeğin dışkısında saptanmıştır. Virus, elektron mikroskopunda virionların bir kısmının yıldız benzeri morfolojisinden dolayı "astro"(yıldız)

adını almıştır. 1993'te, viral genomun tam sekansı, *Astroviridae* olarak adlandırılacak yeni bir aile olarak taksonomiye kazandırılmıştır. *Astroviridae* ailesi iki cinse ayrılmaktadır: Kuş türlerini enfekte eden *Avastrovirus* ve memeli türlerini enfekte eden *Mamastrovirus* (Şekil 2.1).



Şekil 2.1 Astroviridae ailesinin filogenetik olarak sınıflandırılması. Kapsid proteinin amino asit dizileri kullanılarak oluşturulan filogenetik ağaç. (6)

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