

brought to you by www.thebacteriophages.org & www.phage.org

Table 31-3: Viruses of the *Crenarchaeota*

Virus	Host	virion dimensions (nm)	genome size (kbp)	genome %G+C	lytic /temperate	Family	References
TTV1	<i>Thermoproteus. tenax</i>	40/400	15.9	37.0	T	<i>Lipothrixviridae</i>	(42)
TTV2	<i>T. tenax</i>	20/1250	16	N.D.	T	<i>Lipothrixviridae</i>	(42)
TTV3	<i>T. tenax</i>	30/2500	27	N.D.	N.D.	<i>Lipothrixviridae</i>	(42)
TTV4	<i>T. tenax</i>	30/500	17	N.D.	L	<i>Unassigned</i>	(131)
DAFV	<i>Acidianus ambivalens</i>	2200/27	56	N.D.	T	<i>Lipothrixviridae</i>	(129)
AFV	<i>Acidianus sp.</i>	900/24	20.1	N.D.	N.D.	" <i>Lipothrixviridae</i> "	(12)
SSV1	<i>Sulfolobus shibatae</i>	60x90	15.495	39.7	T	<i>Fuselloviridae</i>	(57)
SSV2	" <i>S. islandicus</i> "	55x80	14.794	38.5	T	<i>Fuselloviridae</i>	(2, 103)
SSV3	" <i>S. islandicus</i> "	55x80	15	N.D.	T	<i>Fuselloviridae</i>	(126)
SSVK1	<i>Sulfolobus sp.</i>	N.D.	17.779	38.8	T	<i>Fuselloviridae</i>	(88)
SSVY1	<i>Sulfolobus sp.</i>	N.D.	16.473	38.8	T	<i>Fuselloviridae</i>	(88)
SIRV1	" <i>S. islandicus</i> "	780/23	32.312	25.2	T	<i>Rudiviridae</i>	(77)
SIRV2	" <i>S. islandicus</i> "	900/23	35.502	25.3	T	<i>Rudiviridae</i>	(77)
SIFV	" <i>S. islandicus</i> "	1950/24	41.050	33.3	T	<i>Lipothrixviridae</i>	(5)
SNDV	<i>S. neozealandicus</i>	110-185/95-75	30	N.D.	T	" <i>Guttaviridae</i> "	(4)
STIV	<i>Sulfolobus sp.</i>	70	19	N.D.	T	<i>Unassigned</i>	(88)