

Novel Poxvirus in Proliferative Lesions of Wild Rodents in East-Central Texas, USA

Technical Appendix

Technical Appendix Table. Taxon information and genetic distances of poxvirus isolates included in phylogenetic analysis of Brazospox virus BtTX2014 sequence, East-Central Texas, 2014

Species*	Genus	Isolate†	GenBank accession no.	Genetic distance from Brazospox virus, %‡
Brazospox virus§	Unassigned	BtTX2014	MG367480–8	
Canarypox virus	<i>Avipoxvirus</i>	CNPV_VR	NC_005309	38.2
Fowlpox virus	<i>Avipoxvirus</i>	FWPV_HP1	AJ581527	38.9
Turkeypox virus	<i>Avipoxvirus</i>	TKPV_HU1124	NC_028238	39.1
Goatpox virus	<i>Capripoxvirus</i>	GTPV_Pellor	NC_004003	33.6
Lumpy skin disease virus	<i>Capripoxvirus</i>	LSDV_LW1959	AF409138	33.5
Lumpy skin disease virus	<i>Capripoxvirus</i>	LSDV_Nee09	NC_003027	33.5
Sheeppox virus	<i>Capripoxvirus</i>	SPPV_NISKHI	AY077834	33.5
Sheeppox virus	<i>Capripoxvirus</i>	SPPV_TU	NC_004002	33.5
Yokapox virus	<i>Centapoxvirus</i>	YKV_DakArB	HQ849551	33.4
Muledeerpox virus	<i>Cervidpoxvirus</i>	DPV_W1170	AY689437	32.9
Muledeerpox virus	<i>Cervidpoxvirus</i>	DPV_W848	NC_006966	32.8
Nile crocodilepox virus	<i>Crocodylidpoxvirus</i>	CRV_ZWE	NC_008030	48.3
Myxoma virus	<i>Leporipoxvirus</i>	MYXV_6918	EU552530	34.8
Myxoma virus	<i>Leporipoxvirus</i>	MYXV_Lau	NC_001132	34.8
Rabbit fibroma virus	<i>Leporipoxvirus</i>	RFV_Kas	NC_001266	34.6
Molluscum contagiosum virus	<i>Molluscipoxvirus</i>	MOCV_st	NC_001731	43.4
Camelpox virus	<i>Orthopoxvirus</i>	CMLV_CMS	AY009089	33.0
Camelpox virus	<i>Orthopoxvirus</i>	CMLV_M96	NC003391	33.0
Cowpox virus	<i>Orthopoxvirus</i>	CPXV_BR	NC_003663	33.0
Cowpox virus	<i>Orthopoxvirus</i>	CPXV_GER91	DQ437593	33.0
Cowpox virus	<i>Orthopoxvirus</i>	CPXV_GRI	X94355	32.8
Ectromelia virus	<i>Orthopoxvirus</i>	ECTV_Mos	NC004105	33.1
Monkeypox virus	<i>Orthopoxvirus</i>	MPXV_LBR_1970	DQ011156	33.0
Monkeypox virus	<i>Orthopoxvirus</i>	MPXV_ZAR_1979	DQ011155	33.0
Raccoonpox virus	<i>Orthopoxvirus</i>	RACV_MD1964	FJ807746–54	33.1
Skunkpox virus	<i>Orthopoxvirus</i>	SKPV_USA1978	FJ807755–63	32.8
Taterapox virus	<i>Orthopoxvirus</i>	TATV_DAH68	NC008291	33.0
Vaccinia virus (horsepox)	<i>Orthopoxvirus</i>	HSPV_MNR76	DQ792504	32.9
Vaccinia virus (rabbitpox)	<i>Orthopoxvirus</i>	RPXV_Utr	AY484669	32.9
Vaccinia virus	<i>Orthopoxvirus</i>	VACV_Cop	M35027	32.9
Variola virus	<i>Orthopoxvirus</i>	VARV_BGD75maj	L22579	33.0
Variola virus	<i>Orthopoxvirus</i>	VARV_IND3_1967	NC_001611	33.1
Volepox virus	<i>Orthopoxvirus</i>	VPXV_USA1985	FJ807737–45	33.0
Bovine papular stomatitis virus	<i>Parapoxvirus</i>	BPSV_AR02	NC_005337	45.2
Orf virus	<i>Parapoxvirus</i>	ORFV_IA82	AY386263	45.4
Orf virus	<i>Parapoxvirus</i>	ORFV_NZ2	DQ184476	45.4
Swinepox virus	<i>Suipoxvirus</i>	SWPV_Neb	NC_003389	33.2
Akhemta virus§	Unassigned	GCP	KM046934–42	33.1
Cotia virus§	Unassigned	COTV-SPAn232	HQ647181	34.8
Pteropox virus	Unassigned	PTPV_Aus	KU980965	36.9
Squirrelpox virus	Unassigned	SPXV_Red_squirrel	HE601899	41.0
Yaba-like disease virus§	Unassigned	YLDV_Davis	NC_002642	33.2
AK2015_poxvirus§	Unassigned	AK2015_poxvirus	KX914668–76	33.0
NY_014§	Unassigned	NY_014	MF001305	32.8
Murmansk§	Unassigned	LEIV-11411 Mur-Lovozero	MF001304	32.8
Berlin squirrelpox virus (BerSQPV)§	Unassigned	BerSQPV	MF503315	31.4
Tanapox virus	<i>Yatapoxvirus</i>	TANV_COD	EF420157	33.3
Tanapox virus	<i>Yatapoxvirus</i>	TANV_KEN	NC_098882	33.3

Species*	Genus	Isolate†	GenBank accession no.	Genetic distance from Brazospox virus, %‡
Yaba monkey tumor virus	<i>Yatapoxvirus</i>	YMTV_Amano	NC_005179	33.4
Amscata moorei entomopoxvirus L	<i>Betaentomopoxvirus</i>	AMEV_Moyer	NC_002520	60.0
Melanoplus sanguinipes entomopoxvirus O	Unassigned	MSEV_Tucson	NC_001993	60.3

*Species names follow the International Committee on Taxonomy of Viruses, although not all isolates have been officially recognized as species and some are unassigned to a genus. All isolates belong to the subfamily *Chordopoxvirinae*, except for the outgroup taxa (AMEV_Moyer and MSEV_Tucson), which belong to the *Entomopoxvira*.

†Isolates match taxon labels in Figure 2 of main text.

‡Genetic distances are uncorrected p distances.

§Not officially recognized species.