

Supplementary Table S1. Summary of the SHUV positive horse cases ($n = 24$) detected between 2009-2019

Sample ID	Year	Province	Sample Type	Main Syndrome	Detection Method	Outcome	GenBank Accession Number	Published
SAE02/09	2009	Limpopo	Brain	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	MN937199	Current study
SAE18/09	2009	Gauteng	Brain	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	KC510272	(van Eeden et al., 2012)
SAE72/09	2009	Gauteng	Brain	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	HQ610138	(van Eeden et al., 2012)
SAE27/10	2010	Gauteng	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	HQ60139	(van Eeden et al., 2012)
SAE38/10	2010	Northern Cape	Whole blood	Fever	SHUV specific HybProbe nested real-time RT-PCR	Survived	HQ60140	(van Eeden et al., 2012)
SAE39/10	2010	Northern Cape	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	HQ60141	(van Eeden et al., 2012)
SAE48/10	2010	Northern Cape	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	HQ60142	(van Eeden et al., 2012)

SAE109/10*	2010	Gauteng	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	-	-
SAE15/11	2010	Mpumalanga	Whole blood	Acute Death	SHUV specific HybProbe nested real-time RT-PCR	Fatal	KC525996	(van Eeden et al., 2012)
SAE87/11	2011	Western Cape	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	KC525997	(van Eeden et al., 2012)
ZRU076/13	2013	Western Cape	Brain	Fever and Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	MN901977	Current study
ZRU167/14*	2014	Free-State	Spleen	Fever and Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	-	-
ZRU189/14*	2014	Limpopo	Spleen	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	-	-
ZRU088/15	2015	Kwa-Zulu Natal	Whole blood	Fever and Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	MN901978	Current study
ZRU091/15	2015	Gauteng	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	MN901979	Current study
ZRU099/15	2015	Eastern Cape	Whole blood	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	MN901980	Current study
ZRU103/15*	2015	Gauteng	Whole blood	Fever and Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	-	-

ZRU111/15*	2015	Gauteng	Whole blood	Fever and Neurological	SHUV specific HybProbe nested real-time RT-PCR	Survived	-	-
ZRU066/16	2016	Kwa-Zulu Natal	Brain	Neurological	SHUV specific HybProbe nested real-time RT-PCR	Fatal	MN901981	Current study
ZRU076/18	2018	North West	Serum	Neurological	Orthobunyavirus genus specific real-time TaqMan RT- PCR	Fatal	MN901982	Current study
ZRU088/18	2018	Western Cape	Whole blood	Neurological	Orthobunyavirus genus specific real-time TaqMan RT- PCR	Survived	MN901983	Current study
ZRU100/18	2018	Gauteng	Whole blood	Neurological	Orthobunyavirus genus specific real-time TaqMan RT- PCR	Fatal	MN901984	Current study
ZRU113/18	2018	Western Cape	Brain	Neurological	Orthobunyavirus genus specific real-time TaqMan RT- PCR	Fatal	MN901985	Current study
ZRU082/19	2019	Gauteng	Whole blood	Fever	Orthobunyavirus genus specific real-time TaqMan RT- PCR	Survived	MN937198	Current study
(*) Sequencing unsuccessful, EDTA (Ethylenediaminetetraacetic acid), RT (Reverse transcription), PCR (Polymerase chain reaction), SHUV (Shuni virus)								

