

**Supplementary Table S1. BTV isolates used in this study as well metadata concerning the country of origin, year of submission and GenBank accession numbers.**

<b>Virus serotype</b>	<b>Isolate name</b>	<b>Country of origin</b>	<b>Year of isolation</b>	<b>Accession number</b>
BTV-1	BTV-1_VR27_RSA_2017	Ermelo, MP, RSA	2017	MG255599 - MG255608
BTV-1	BTV-1_VR49_RSA_2017	Edenburg, FS, RSA	2017	MG255659 - MG255668
BTV-1	BTV-1_VR13_RSA_2017	Elliot, EC, RSA	2017	MG255549 - MG255558
BTV-1	BTV-1_VR06_RSA_2017	Queenstown, EC, RSA	2017	MG255519 - MG255528
BTV-2	BTV-2_VR18_RSA_2017	Queenstown, EC, RSA	2017	MG255569 - MG255578
BTV-2	BTV-2_VR62_RSA_2017	Beaufort West, WC, RSA	2017	MG255689 - MG255698
BTV-2	BTV-2_VR04_RSA_2017	Bethal, MP, RSA	2017	MT028379 - MT028388
BTV-3	BTV-3_VR05_RSA_2017	Queenstown, EC, RSA	2017	MG255509 - MG255518
BTV-3	BTV-3_VR22_RSA_2016	Bethal, MP, RSA	2016	MT028399 - MT028408
BTV-3	BTV-3_VR11_RSA_2017	Wesselsbron, FS, RSA	2017	MG255539 - MG255548
BTV-3	BTV-3_VR33_RSA_2017	Smithfield, FS, RSA	2017	MG255619 - MG255628
BTV-4	BTV-4_VR01_RSA_2017	Rosendal, FS, RSA	2017	MG255489 - MG255498
BTV-4	BTV-4_S74_RSA_2016	Ceres, WC, RSA	2016	MG255459 - MG255468
BTV-4	BTV-4_VR24_RSA_2017	Wesselsbron, FS, RSA	2017	MG255579 - MG255588
BTV-4	BTV-4_VR39_RSA_2017	Smithfield, FS, RSA	2017	MG255639 - MG255648
BTV-4	BTV-4_4wtrus_RSA_2011	Rustenburg, NW, RSA	2011	KT317665 - KT317674
BTV-4	BTV-4_VR30_RSA_2017	Smithfield, FS, RSA	2017	MG255609 - MG255618
BTV-4	BTV-4_VR31_RSA_2017	Bloemfontein, FS, RSA	2017	MT043208 - MT043217
BTV-4	BTV-4_VR03_RSA_2017	Bethal, MP, RSA	2017	MG255499 - MG255508
BTV-4	BTV-4_VR42_RSA_2017	Smithfield, FS, RSA	2017	MG255649 - MG255658
BTV-4	BTV-4_VR34_RSA_2017	Smithfield, FS, RSA	2017	MG255629 - MG255638
BTV-4	BTV-4_VR48_RSA_2017	Vryheid, KZN, RSA	2017	MT043258 - MT043267
BTV-5	BTV-5_Benoni_RSA_2015	Benoni, GP, RSA	2015	MG255449 - MG255458
BTV-5	BTV-5_VR45_RSA_2017	Queenstown, EC, RSA	2017	MT043248 - MT043257
BTV-7	BTV-7_VR43_RSA_2017	Beaufort West, WC, RSA	2017	MT043228 - MT043237
BTV-12	BTV-12_VR44_RSA_2017	Queenstown, EC, RSA	2017	MT043238 - MT043247
BTV-12	BTV-12_VR16_RSA_2017	Elliot, EC, RSA	2017	MT028389 - MT028398
BTV-12	BTV-12_VR54_RSA_2017	Queenstown, EC, RSA	2017	MG255669 - MG255678
BTV-12	BTV-12_VR55_RSA_2017	Queenstown, EC, RSA	2017	MG255679 - MG255688
BTV-13	BTV-13_Prieksa_03_RSA_2014	Prieksa, NC, RSA	2014	MG255469 - MG255478
BTV-13	BTV-13_VR38_RSA_2017	Smithfield, FS, RSA	2017	MT043218 - MT043227
BTV-16	BTV-16_VR08_RSA_2017	Bethal, MP, RSA	2017	MG255529 - MG255538
BTV-17	BTV-17_Prieksa_07_RSA_2014	Prieksa, NC, RSA	2014	MG255479 - MG255488
BTV-17	BTV-17_VR17_RSA_2017	Queenstown, EC, RSA	2017	MG255559 - MG255568
BTV-24	BTV-24_VR25_RSA_2017	Beaufort West, WC, RSA	2017	MG255589 - MG255598