

VETERINARIA
RIVISTA DI
SANITÀ PUBBLICA
VETERINARIA **ITALIANA**

Supplementary material



Collection date	Country	Region	Host or cell passage	Isolation source	Serotype	Name Strain	Accession Numbers (Seg1 - Seg10)
31/01/2022	Italy	Abruzzi	1 KC-2 VERO	viral strain	BTV-1	BTV-1/TE-13617.1.9 ITA 2022	PX597455- PX597464
11/02/2021	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-3	BTV-3/SU-139639 ITA2021	PV851573- PV851582
27/10/2021	Tunisia		<i>Bos taurus</i>	blood	BTV-3	BTV-3/TUN- 312752.1.1 TUN2021	PV740638- PV740647
03/05/2022	Tunisia		2 VERO	viral strain	BTV-3	BTV-3/TUN-35502.1.2 TUN2022	PV740658- PV740667
18/10/2022	Italy	Sardinia	<i>Capra hircus</i>	blood	BTV-3	BTV-3/SU-49429 ITA2022	PV637393- PV637402
27/10/2022	Italy	Sardinia	<i>Ovis aries</i>	spleen	BTV-3	BTV-3/SU-50469.1.1 ITA2022	PV766853- PV766862
28/10/2022	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-3	BTV-3/SU-50457.1.1 ITA2022	PV766833- PV766842
31/10/2022	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-3	BTV-3/SU-50490.1.2 ITA2022	PV766823- PV766832
31/10/2022	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-3	BTV-3/SU-50462.1.1 ITA2022	PV766843- PV766852
28/08/2024	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-3	BTV-3/SU- 21113/ITA2024	PV615169- PV615178
14/11/2024	Italy	Campania	<i>Ovis aries</i>	spleen	BTV-3	BTV-3/SA-30816 ITA2024	PV615122- PV615131
18/11/2024	Italy	Sicily	<i>Ovis aries</i>	spleen	BTV-3	BTV-3/PA-30694 ITA2024	PV816777- PV816786
22/01/2025	Italy	Trentino- South Tyrol	<i>Bos taurus</i>	blood	BTV-3	BTV-3/TN-2360 ITA2025	PV615132- PV615141

15/09/2025	Italy	Sicily	1 KC-2 VERO		BTV-3	BTV-3/CT-23193 ITA 2025	PX740380- PX740389
08/11/2019	Tunisia		<i>Ovis aries</i>	blood	BTV-4	BTV-4/TUN-2019	PV974505- PV974514
07/12/2020	Tunisia		<i>Bos taurus</i>	blood	BTV-4	BTV-4/TUN- 320799.1.1 TUN2020	PV755158- PV755167
07/12/2020	Tunisia		<i>Bos taurus</i>	blood	BTV-4	BTV-4/TUN- 320799.1.15 TUN2020	PV755168- PV755177
07/12/2020	Tunisia		<i>Bos taurus</i>	blood	BTV-4	BTV-4/TUN- 320799.1.19 TUN2020	PV755178- PV755187
05/08/2021	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-4	BTV-4/NU-301257 ITA2021	PV939504- PV939513
12/08/2021	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-4	BTV-4/OR-301633 ITA2021	PV926186- PV926195
30/09/2021	Italy	Sardinia	<i>Bos taurus</i>	blood	BTV-4	BTV-4/SU-311759 ITA2021	PV926196- PV926205
14/10/2021	Italy	Sicily	<i>Ovis aries</i>	blood	BTV-4	BTV-4/PA-310552.1.4 ITA2021	PV926176- PV926185
14/10/2021	Italy	Latium	<i>Ovis aries</i>	blood	BTV-4	BTV-4/RM-312306 ITA2021	PV926234- PV926243
11/10/2021	Italy	Sardinia	<i>Ovis musimon</i>	spleen	BTV-4	BTV-4/CA-311837 ITA2021	PV926206- PV926215
27/10/2021	Tunisia		<i>Bos taurus</i>	blood	BTV-4	BTV-4/TUN- 312752.1.21 TUN2021	PV740648- PV740657
04/09/2023	Italy	Sardinia	<i>Ovis aries</i>	spleen	BTV-4	BTV-4/NU-18526 ITA 2023	PX597445- PX597454
02/10/2023	Italy	Latium	<i>Ovis aries</i>	placenta	BTV-4	BTV-4/VT-23089 ITA2023	PX597435- PX597444

04/11/2024	Italy	Trentino-South Tyrol	<i>Bos taurus</i>	blood	BTV-4	BTV-4/TN-28765 ITA2024	PV615112- PV615121
11/12/2024	Italy	Sicily	<i>Ovis aries</i>	blood	BTV-4	BTV-4/TP-32693 ITA2024	PV615102- PV615111
12/12/2024	Italy	Emilia Romagna	<i>Bos taurus</i>	blood	BTV-4	BTV-4/RN-3037 ITA2024	PX740419- PX740428
29/08/2025	Italy	Sardinia	1 KC- 3 VERO		BTV-4	BTV-4/NU-24558 ITA2025	PX740390- PX740399
02/09/2025	Italy	Lombardy	1 KC- 3 VERO		BTV-4	BTV-4/BG-29678 ITA2025	PX740409- PX740418
20/10/2025	Italy	Sicily	<i>Ovis aries</i>	spleen	BTV-4	BTV-4/TP-27405 ITA 2025	PX740400- PX740408 (no Seg-7)
23/10/2023	Italy	Sardinia	<i>Ovis aries</i>	blood	BTV-8	BTV-8/OR-23537 ITA2023	PX597405- PX597414
22/07/2024	Italy	Sardinia	<i>Ovis aries</i>	spleen	BTV-8	BTV-8/SS-15512 ITA2024	PV541161- PV541170
01/08/2024	Italy	Piedmont	<i>Ovis aries</i>	spleen	BTV-8	BTV-8/TO- 15908.2.1/ITA2024	PV615159- PV615168
03/09/2024	Italy	Basilicata	<i>Ovis aries</i>	blood	BTV-8	BTV-8/MT-19274 ITA2024	PV637363- PV637372
16/06/2025	Italy	Campania	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/SA-13357 ITA2025	PV990356- PV990365
17/06/2025	Italy	Umbria	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/PG-13016 ITA2025	PV974515- PV974524
19/06/2025	Italy	Marche	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/MC-13820 ITA2025	PV990376- PV990385
19/06/2025	Italy	Latium	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/FR-13403 ITA2025	PV990386- PV990395

23/06/2025	Italy	Abruzzi	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/AQ-13134 ITA2025	PV974525- PV974534
23/06/2025	Italy	Abruzzi	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/TE-13147 ITA2025	PV974535- PV974544
26/06/2025	Italy	Abruzzi	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/PE-5049 ITA2025	PV990346- PV990355
27/06/2025	Italy	Marche	1 KC- 1 VERO	viral strain	BTV-8	BTV-8/AP-13760 ITA2025	PV990366- PV990375
01/08/2025	Italy	Friuli Venezia Giulia	<i>Ovis aries</i>	spleen	BTV-8	BTV-8/UD-18819 ITA2025	PX597415- PX597424
27/08/2025	Italy	Friuli Venezia Giulia	<i>Ovis aries</i>	blood	BTV-8	BTV-8/TS-20824 ITA2025	PX597425- PX597434

1 KC = one passage on *Culicoides variipennis* insect cells (provided by the Friedrich-Loeffler-Institut, identifier CCLV RIE 1062)

1 VERO = one passage on African green monkey kidney cells (provided by the IZSLER biobank, identifier BSCL-86)

2 VERO = two passages on African green monkey kidney cells (provided by the IZSLER biobank, identifier BSCL-86)

3 VERO = three passages on African green monkey kidney cells (provided by the IZSLER biobank, identifier BSCL-86)