



FMD Genotyping Reports

Lab Reference WRL batch Number: WRLFMD/2026/000006

Sender Details:

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Date Received: 20/2/2026

Country of Origin*: Türkiye

Work has now been completed in respect of the samples recently submitted and the details are as attached.

Please note that all our phylogenetic trees can be accessed via the internet at: <http://www.wrlfmd.org/>

Results Approved By

[REDACTED]

Official Stamp:

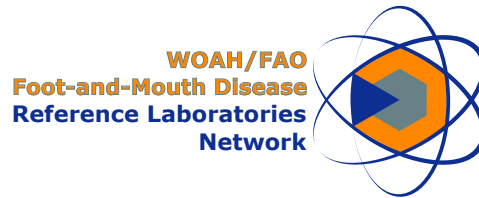
[REDACTED]

Date: 7th April 2026

C.C. [REDACTED]
[REDACTED]
[REDACTED]

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by email (reflabsfeedback@pirbright.ac.uk).

* Data supplied by the customer



FAO World Reference Laboratory for Foot-and-Mouth Disease (WRLFMD)

FMDV Genotyping Report

Generated from: [FMDtype](#) | FMDV Genotyping Tool

Downloaded on: 31 March 2026

Citation: WRLFMD. 2026. FMDV Genotyping Report [WRLFMD/2026/000006]. (Accessed 31/03/26)

FMDV serotype: SAT1

Country: Türkiye

Year: 2025-2026

Batch: WRLFMD/2026/000006

No. of sequences: 13

Reported date: 31 March 2026

WRLFMD Website: <https://www.wrlfmd.org/>

Email: reporting@pirbright.ac.uk

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FMDtype is supported through funding from

Virus sample: TUR/9/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Hakkari/316/2025
Location of origin:	Kayalar, Semdinli, Hakkari
Country of origin:	Turkiye
Date of collection:	2025-05-21
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	I
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-03
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
1135704	TUR/290/2025	Cattle	99.85	0	SAT1	I	None	None
1049132	IRQ/1/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049133	IRQ/2/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049134	IRQ/3/2025	Cattle	99.54	0	SAT1	I	None	None
1049135	IRQ/4/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049610	IRQ/11/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049612	IRQ/16/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049613	IRQ/18/2025	Cattle	99.54	0	SAT1	I	None	None
1049614	IRQ/19/2025	Cattle	99.54	0	SAT1	I	None	None
1049616	IRQ/23/2025	Water Buffalo	99.54	0	SAT1	I	None	None
FMDV VP1 Prototype Sequences*								
15209	TAN/T155/71	Cattle	87.77	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/12/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Van/338/2025
Location of origin:	Beyaslan, Saray, Van
Country of origin:	Turkiye
Date of collection:	2025-05-30
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	I
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-03
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
1135704	TUR/290/2025	Cattle	100.00	0	SAT1	I	None	None
1049132	IRQ/1/2025	Water Buffalo	99.70	0	SAT1	I	None	None
1049133	IRQ/2/2025	Water Buffalo	99.70	0	SAT1	I	None	None
1049134	IRQ/3/2025	Cattle	99.70	0	SAT1	I	None	None
1049135	IRQ/4/2025	Water Buffalo	99.70	0	SAT1	I	None	None
1049610	IRQ/11/2025	Water Buffalo	99.70	0	SAT1	I	None	None
1049612	IRQ/16/2025	Water Buffalo	99.70	0	SAT1	I	None	None
1049613	IRQ/18/2025	Cattle	99.70	0	SAT1	I	None	None
1049614	IRQ/19/2025	Cattle	99.70	0	SAT1	I	None	None
1049616	IRQ/23/2025	Water Buffalo	99.70	0	SAT1	I	None	None
FMDV VP1 Prototype Sequences*								
15209	TAN/T155/71	Cattle	87.75	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/16/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Van/354/2025
Location of origin:	Sekerpinar, Kangal, Sivas
Country of origin:	Turkiye
Date of collection:	2025-06-19
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	I
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
1135704	TUR/290/2025	Cattle	99.85	0	SAT1	I	None	None
1049132	IRQ/1/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049133	IRQ/2/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049134	IRQ/3/2025	Cattle	99.54	0	SAT1	I	None	None
1049135	IRQ/4/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049610	IRQ/11/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049612	IRQ/16/2025	Water Buffalo	99.54	0	SAT1	I	None	None
1049613	IRQ/18/2025	Cattle	99.54	0	SAT1	I	None	None
1049614	IRQ/19/2025	Cattle	99.54	0	SAT1	I	None	None
1049616	IRQ/23/2025	Water Buffalo	99.54	0	SAT1	I	None	None
FMDV VP1 Prototype Sequences*								
15209	TAN/T155/71	Cattle	87.77	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/19/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Bilecik/2011/2025
Location of origin:	Kayiboyu, Merkez, Bilecik
Country of origin:	Turkiye
Date of collection:	2025-11-11
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
3453	BOT/17/77	Greater Kudu	99.54	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	99.54	0	SAT1	III	None	None
11357	NMB/1/2015	Bovine	99.39	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	99.39	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	99.39	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	99.24	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	99.24	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	99.09	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	99.09	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.78	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.54	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.70	0	SAT1	III	None	None
11146	MOZ/1/75	Cattle	75.64	0	SAT1	XIII	None	None
19096	ZIM/23/2003	African Buffalo	74.10	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/20/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Eskisehir/2020/2025
Location of origin:	Gokbahce, Seyitgazi, Eskisehir
Country of origin:	Turkiye
Date of collection:	2025-11-12
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
11357	NMB/1/2015	Bovine	99.54	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	99.54	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	99.54	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	99.39	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	99.39	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	99.39	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	99.39	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	99.24	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	99.24	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.70	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.85	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	74.10	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/21/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Tunceli/2029/2025
Location of origin:	Pisi, Pulumur, Tunceli
Country of origin:	Turkiye
Date of collection:	2025-11-12
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
1373350	LEB/2/2025	Cattle	99.24	0	SAT1	III	None	None
1373351	LEB/3/2025	Cattle	99.24	0	SAT1	III	None	None
1373352	LEB/4/2025	Cattle	99.24	0	SAT1	III	None	None
11357	NMB/1/2015	Bovine	98.94	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.94	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.78	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.78	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.78	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.78	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.09	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.55	0	SAT1	III	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/22/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Denizli/2072/2025
Location of origin:	Ucarli, Acipayam, Denizli
Country of origin:	Turkiye
Date of collection:	2025-11-17
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
11357	NMB/1/2015	Bovine	98.94	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.94	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.78	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.78	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.78	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.78	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.33	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.09	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.55	0	SAT1	III	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/23/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Denizli/2106/2025
Location of origin:	Kizilyer, Honaz, Denizli
Country of origin:	Turkiye
Date of collection:	2025-11-19
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
3453	BOT/17/77	Greater Kudu	98.78	0	SAT1	III	None	None
11357	NMB/1/2015	Bovine	98.78	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.78	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.78	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.63	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.63	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.63	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.48	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.48	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.17	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	98.94	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.09	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	74.14	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/24/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Tunceli/2177/2025
Location of origin:	Turnayolu, Nazimiye, Tunceli
Country of origin:	Turkiye
Date of collection:	2025-11-26
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-10
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
1243594	AZB/1/2025	Cattle	99.09	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	99.09	0	SAT1	III	None	None
11357	NMB/1/2015	Bovine	98.94	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.94	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.78	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.78	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.09	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.55	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	74.10	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/25/2025

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Afyon/2240/2025
Location of origin:	Doganli, Dinar, Afyon
Country of origin:	Turkiye
Date of collection:	2025-12-03
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-17
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
11357	NMB/1/2015	Bovine	99.70	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	99.70	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	99.70	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	99.54	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	99.54	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	99.54	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	99.54	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	99.39	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	99.39	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	99.09	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.85	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	91.01	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	74.25	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/1/2026

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Karaman/20/2026
Location of origin:	Guneyyurt, Ermenek, Karaman
Country of origin:	Turkiye
Date of collection:	2026-01-02
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-17
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
3478	BOT/24/77	Cattle	98.78	0	SAT1	III	None	None
11357	NMB/1/2015	Bovine	98.63	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.63	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.48	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.48	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.48	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.33	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.33	0	SAT1	III	None	None
1373234	LEB/8/2025	Cattle	98.17	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	98.78	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.55	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	73.92	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/2/2026

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Manisa/40/2026
Location of origin:	Seyhyayla, Gordes, Manisa
Country of origin:	Turkiye
Date of collection:	2026-01-07
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-17
Sequence length:	657
Ambiguities:	0

Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
11357	NMB/1/2015	Bovine	99.09	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	99.09	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	99.09	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.94	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.94	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.94	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.94	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.78	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.78	0	SAT1	III	None	None
1373345	UT-Khorasani_Q/1629/IRN/2025	Cattle	98.48	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.24	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	91.01	0	SAT1	III	None	None
19096	ZIM/23/2003	African Buffalo	74.10	0	SAT1	I	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Virus sample: TUR/3/2026

Sample details

Reception Date:	2026-02-20
Sender reference:	SAT1/TUR/Isparta/53/2026
Location of origin:	Salur, Sarkikaraagac, Isparta
Country of origin:	Turkiye
Date of collection:	2026-01-14
Host species:	cattle

Genotyping details

Serotype:	SAT1
Topotype:	III
Lineage:	None
Sublineage:	None

Sequencing details

Material submitted for sequencing:	WRL-LFBK1
Material Harvest Date:	2026-03-17
Sequence length:	657
Ambiguities:	0

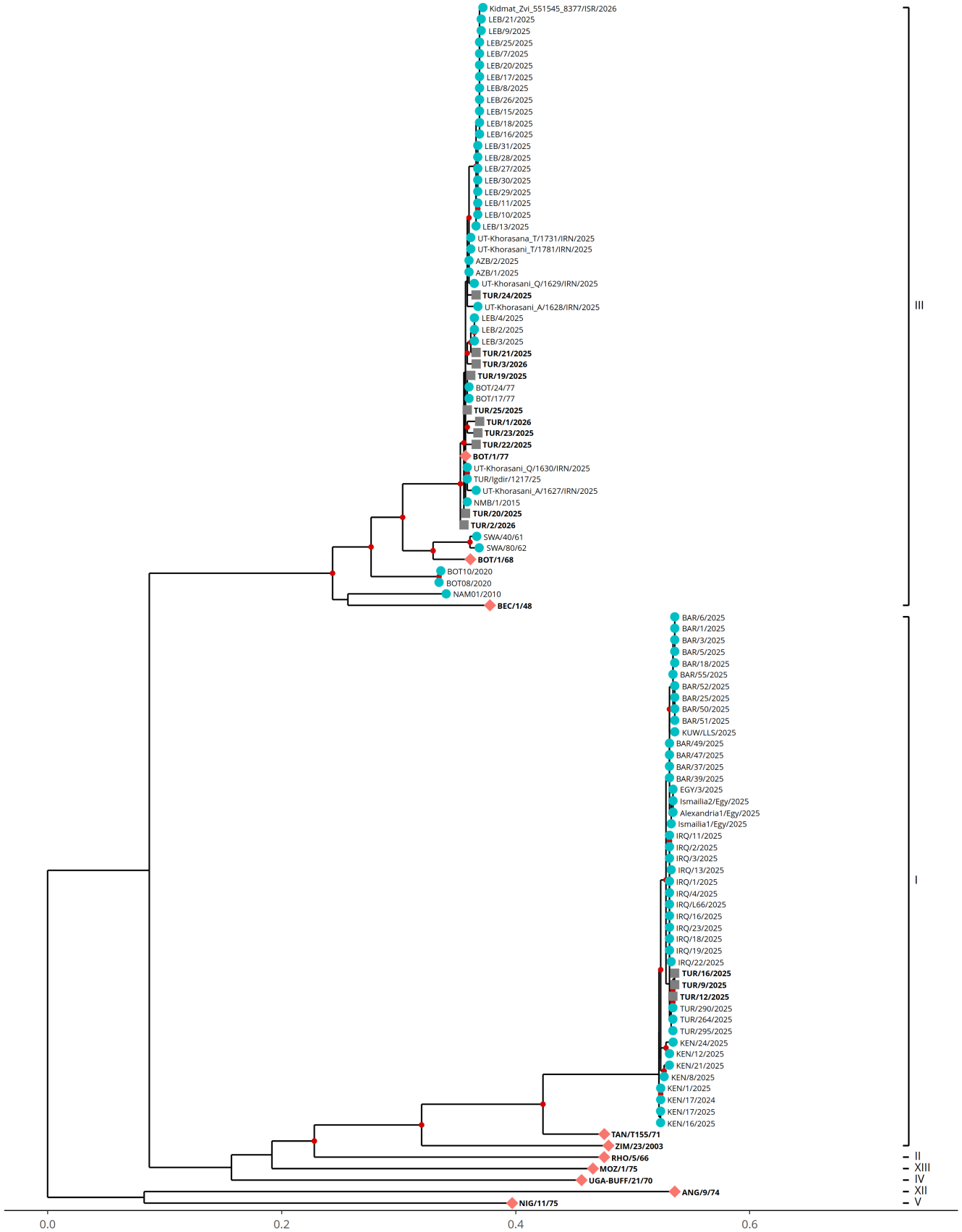
Most Closely Related FMDV Isolates

Sequence ID	Virus Name	Host	% Id	#Ambig.	Serotype	Topotype	Lineage	Sublineage
FMDV VP1 Sequences								
11357	NMB/1/2015	Bovine	98.94	0	SAT1	III	None	None
1243592	TUR/Igdir/1217/25	Cattle	98.94	0	SAT1	III	None	None
1373346	UT-Khorasani_Q/1630/IRN/2025	Cattle	98.94	0	SAT1	III	None	None
3453	BOT/17/77	Greater Kudu	98.78	0	SAT1	III	None	None
3478	BOT/24/77	Cattle	98.78	0	SAT1	III	None	None
1243594	AZB/1/2025	Cattle	98.78	0	SAT1	III	None	None
1243595	AZB/2/2025	Cattle	98.78	0	SAT1	III	None	None
1373347	UT-Khorasani_T/1781/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
1373348	UT-Khorasana_T/1731/IRN/2025	Cattle	98.63	0	SAT1	III	None	None
1373350	LEB/2/2025	Cattle	98.63	0	SAT1	III	None	None
FMDV VP1 Prototype Sequences*								
3416	BOT/1/77	Cattle	99.09	0	SAT1	III	None	None
3410	BOT/1/68	Cattle	90.55	0	SAT1	III	None	None
11146	MOZ/1/75	Cattle	75.93	0	SAT1	XIII	None	None

* see <http://www.wrlfmd.org/fmdv-genome/fmd-prototype-strains>

Tree

Uploaded sequence
 Database sequence
 Reference sequence



Analysis Parameters

Query sequence set: WRLFMD/2026/000006
Number of related sequences reported: 82
Number of prototype sequences in tree: 10
Minimal VP1 subsequence match length: 610
Sequence alignment length: 669

Number of sequences in tree capped at: 100
Sequence alignment method: MAFFT 7.522
Phylogeny reconstruction method: IQ-TREE 2.26
Number of bootstrap samples: 1000
Displaying bootstrap values above: 75

FMDV VP1 Sequences included in the Phylogenetic Tree

Sequence Name	GenBank Accession	Host	Ref Lab	Country	FMDV Taxonomy	Pubmed Reference Number
BAR/1/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/3/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/5/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/6/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/18/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/25/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/37/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/39/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/47/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/49/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/50/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/51/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/52/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
BAR/55/2025	None	Cattle	WRLFMD	Bahrain	SAT1/I	None
IRQ/1/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/2/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/3/2025	None	Cattle	WRLFMD	Iraq	SAT1/I	None
IRQ/4/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/11/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/13/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/16/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/18/2025	None	Cattle	WRLFMD	Iraq	SAT1/I	None
IRQ/19/2025	None	Cattle	WRLFMD	Iraq	SAT1/I	None
IRQ/22/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
IRQ/23/2025	None	Water Buffalo	WRLFMD	Iraq	SAT1/I	None
NAM01/2010 *	KU821590	Cattle	CODA-CERVA	Namibia	SAT1/III	27151795
NMB/1/2015	None	Bovine	WRLFMD	Namibia	SAT1/III	None
TUR/264/2025 *	None	Cattle	FMDI	Turkiye	SAT1/I	None
TUR/290/2025 *	None	Cattle	FMDI	Turkiye	SAT1/I	None
TUR/295/2025 *	None	Cattle	FMDI	Turkiye	SAT1/I	None
IRQ/L66/2025 *	None	Cattle	FMDI	Iraq	SAT1/I	None
KUW/LLS/2025 *	None		BIAHF	Kuwait	SAT1/I	None
Ismailia1/Egy/2025 *	PX113531	Cattle	SCU	Egypt	SAT1/I	None
Ismailia2/Egy/2025 *	PX113532	Cattle	SCU	Egypt	SAT1/I	None
Alexandria1/Egy/2025 *	PX113533	Water Buffalo	SCU	Egypt	SAT1/I	None
TUR/Igdir/1217/25 *	None	Cattle	MAF-ANKARA	Turkiye	SAT1/III	None
UT-Khorasani_A/1627/IRN/2025 *	PX496948	Cattle	U-TEHRAN	Iran	SAT1/III	None
AZB/1/2025	None	Cattle	WRLFMD	Azerbaijan	SAT1/III	None
AZB/2/2025	None	Cattle	WRLFMD	Azerbaijan	SAT1/III	None
LEB/8/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/9/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/10/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
UT-Khorasani_A/1628/IRN/2025 *	PX556591	Cattle	U-TEHRAN	Iran	SAT1/III	None
UT-Khorasani_Q/1629/IRN/2025 *	PX556592	Cattle	U-TEHRAN	Iran	SAT1/III	None
UT-Khorasani_Q/1630/IRN/2025 *	PX556593	Cattle	U-TEHRAN	Iran	SAT1/III	None
UT-Khorasani_T/1781/IRN/2025 *	PX556594	Cattle	U-TEHRAN	Iran	SAT1/III	None
UT-Khorasana_T/1731/IRN/2025 *	PX556595	Cattle	U-TEHRAN	Iran	SAT1/III	None
Kidmat_Zvi_551545_8377/ISR/2026 *	None	Cattle	KVI	Israel	SAT1/III	None
LEB/2/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/3/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/4/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/7/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/11/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/13/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/15/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/16/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/17/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/18/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/20/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/21/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/25/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/26/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None

FMDV VP1 Sequences included in the Phylogenetic Tree (*continued*)

Sequence Name	GenBank Accession	Host	Ref Lab	Country	FMDV Taxonomy	Pubmed Reference Number
LEB/27/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/28/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/29/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/30/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
LEB/31/2025	None	Cattle	WRLFMD	Lebanon	SAT1/III	None
EGY/3/2025	None	Water Buffalo	WRLFMD	Egypt	SAT1/I	None
KEN/17/2024	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/1/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/8/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/12/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/16/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/17/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/21/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
KEN/24/2025	None	Bovine	WRLFMD	Kenya	SAT1/I	None
SWA/40/61 *	AY593843		PIADC	South West Africa	SAT1/III	15858032
SWA/80/62	None		WRLFMD	South West Africa	SAT1/III	None
BOT/17/77	KF219687	Greater Kudu	WRLFMD	Botswana	SAT1/III	None
BOT/24/77	KF219688	Cattle	WRLFMD	Botswana	SAT1/III	None
BOT08/2020 *	None	Bovine	BVI	Botswana	SAT1/III	None
BOT10/2020 *	None	Bovine	BVI	Botswana	SAT1/III	None

* Not a WRLFMD Reference Number;

^ Not Available