



FMD Genotyping Report

Lab Reference WRL batch Number: WRLFMD/2025/000017

Sender Details:



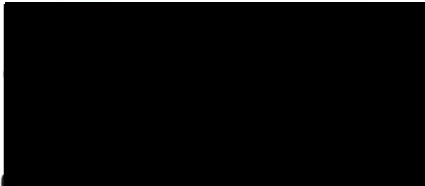
Date Received: 7/11/2025

Country of Origin*: Kenya

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

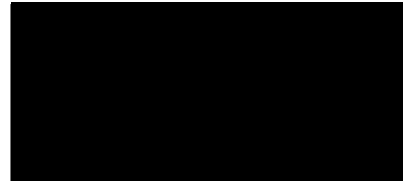
Please note that all our phylogenetic trees can be accessed via the internet at: <http://www.wrlfmd.org/>

Results Approved By:



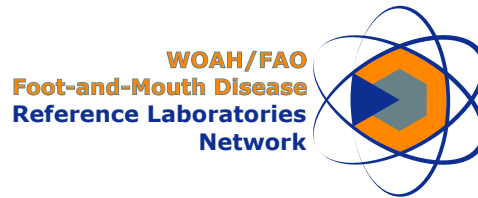
Date: 20/1/2026

Official Stamp:



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: 17 January 2026

Citation: WRLFMD. 2026. FMDV Genotyping Report [WRLFMD/2025/000017]. (Accessed 17/01/26)

FMDV serotype: SAT1

Country: Kenya

Year: 2024-2024

Batch: WRLFMD/2025/000017

No. of sequences: 9

Reported date: 17 January 2026

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

Email: reporting@pirbright.ac.uk

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FMDtype is supported through funding from

Virus sample: KEN/17/2024

Sample details

| | |
|---------------------|------------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K1/25 |
| Location of origin: | Chepareria, West Pokot |
| Country of origin: | Kenya |
| Date of collection: | 2024-12-30 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-12-01 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.52 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/1/2025

Sample details

| | |
|---------------------|-----------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K2/25 |
| Location of origin: | Rosaga, Baringo |
| Country of origin: | Kenya |
| Date of collection: | 2025-01-16 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-11-21 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.52 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/8/2025

Sample details

| | |
|---------------------|--------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K15/25 |
| Location of origin: | Mavindini, Makueni |
| Country of origin: | Kenya |
| Date of collection: | 2025-02-11 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK2 |
| Material Harvest Date: | 2025-11-25 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.52 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/12/2025

Sample details

| | |
|---------------------|--------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K27/25 |
| Location of origin: | Lodokejek, Samburu |
| Country of origin: | Kenya |
| Date of collection: | 2025-02-17 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK2 |
| Material Harvest Date: | 2025-11-22 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.38 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/16/2025

Sample details

| | |
|---------------------|------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K31/25 |
| Location of origin: | Emining, Baringo |
| Country of origin: | Kenya |
| Date of collection: | 2025-02-26 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-12-02 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.67 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/17/2025

Sample details

| | |
|---------------------|----------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K32/25 |
| Location of origin: | Onjiko, Kisumu |
| Country of origin: | Kenya |
| Date of collection: | 2025-03-11 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK2 |
| Material Harvest Date: | 2025-11-22 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.94 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.94 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.67 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/18/2025

Sample details

| | |
|---------------------|---------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K35/25 |
| Location of origin: | Elementaita, Nakuru |
| Country of origin: | Kenya |
| Date of collection: | 2025-04-07 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-11-20 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|-----------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 9809 | K71/2016 | Cattle | 89.50 | 0 | SAT1 | I | None | None |
| 10018 | KEN/21/2004 | Cattle | 89.50 | 0 | SAT1 | I | None | None |
| 10168 | KEN/75/2010 | Cattle | 89.50 | 0 | SAT1 | I | None | None |
| 15164 | TAN/5/96 | Cattle | 89.50 | 0 | SAT1 | I | None | None |
| 14920 | T116/2016 | Cattle | 89.33 | 0 | SAT1 | I | None | None |
| 14966 | T41/2016 | Cattle | 89.33 | 0 | SAT1 | I | None | None |
| 14981 | T64/2016 | Cattle | 89.33 | 0 | SAT1 | I | None | None |
| 15066 | TAN/2/71 | Cattle | 89.33 | 0 | SAT1 | I | None | None |
| 9800 | K66/80 | Cattle | 88.58 | 0 | SAT1 | I | None | None |
| 296323 | KEN/3/2020 | Cattle | 88.30 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 89.65 | 0 | SAT1 | I | None | None |
| 19096 | ZIM/23/2003 | African Buffalo | 81.24 | 0 | SAT1 | I | None | None |

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

Virus sample: KEN/21/2025

Sample details

| | |
|---------------------|--------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K42/25 |
| Location of origin: | Githunguri, Kiambu |
| Country of origin: | Kenya |
| Date of collection: | 2025-05-15 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-11-19 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|---------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.48 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.48 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.36 | 0 | SAT1 | I | None | None |
| 13415 | RV/11/37 | Greater Kudu | 78.53 | 0 | SAT1 | II | None | None |

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

Virus sample: KEN/24/2025

Sample details

| | |
|---------------------|---------------------|
| Reception Date: | 2025-11-07 |
| Sender reference: | K46/25 |
| Location of origin: | Chala, Taita Taveta |
| Country of origin: | Kenya |
| Date of collection: | 2025-06-03 |
| Host species: | bovine |

Genotyping details

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

Sequencing details

| | |
|------------------------------------|------------|
| Material submitted for sequencing: | WRL-LFBK1 |
| Material Harvest Date: | 2025-12-01 |
| Sequence length: | 657 |
| Ambiguities: | 0 |

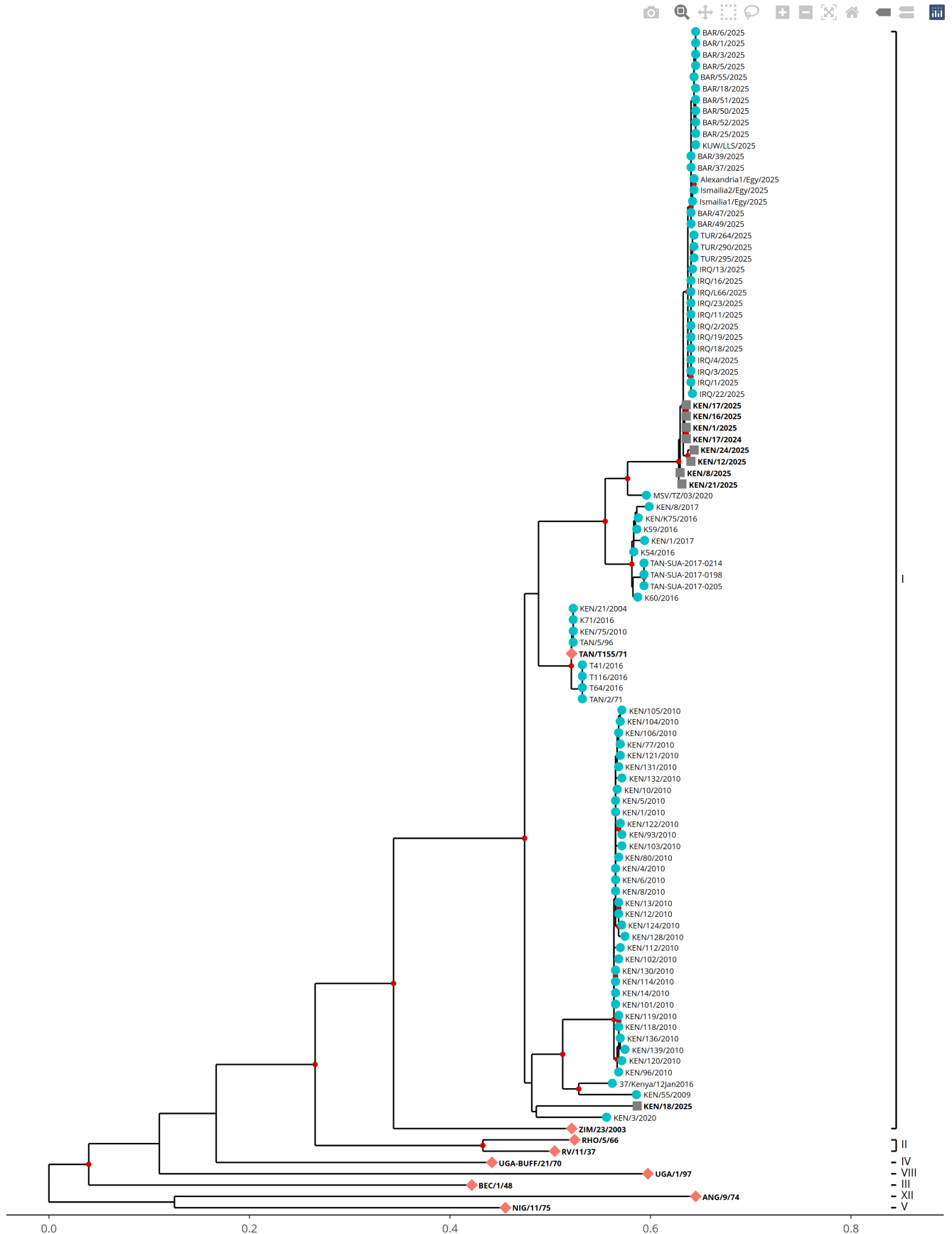
Most Closely Related FMDV Isolates

| Sequence ID | Virus Name | Host | % Id | #Ambig. | Serotype | Topotype | Lineage | Sublineage |
|--------------------------------------|-------------|-----------------|-------|---------|----------|----------|---------|------------|
| FMDV VP1 Sequences | | | | | | | | |
| 1049116 | BAR/37/2025 | Cattle | 98.17 | 0 | SAT1 | I | None | None |
| 1049117 | BAR/39/2025 | Cattle | 98.17 | 0 | SAT1 | I | None | None |
| 1049119 | BAR/47/2025 | Cattle | 98.17 | 0 | SAT1 | I | None | None |
| 1049120 | BAR/49/2025 | Cattle | 98.17 | 0 | SAT1 | I | None | None |
| 1049132 | IRQ/1/2025 | Water Buffalo | 98.17 | 0 | SAT1 | I | None | None |
| 1049133 | IRQ/2/2025 | Water Buffalo | 98.17 | 0 | SAT1 | I | None | None |
| 1049134 | IRQ/3/2025 | Cattle | 98.17 | 0 | SAT1 | I | None | None |
| 1049135 | IRQ/4/2025 | Water Buffalo | 98.17 | 0 | SAT1 | I | None | None |
| 1049610 | IRQ/11/2025 | Water Buffalo | 98.17 | 0 | SAT1 | I | None | None |
| 1049612 | IRQ/16/2025 | Water Buffalo | 98.17 | 0 | SAT1 | I | None | None |
| FMDV VP1 Prototype Sequences* | | | | | | | | |
| 15209 | TAN/T155/71 | Cattle | 88.38 | 0 | SAT1 | I | None | None |
| 17138 | UGA/1/97 | African Buffalo | 74.63 | 0 | SAT1 | VIII | 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/2025/000017
Number of related sequences reported: 87
Number of prototype sequences in tree: 9
Minimal VP1 subsequence match length: 610
Sequence alignment length: 661

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 |
|------------------------|-------------------|---------------|---------|----------|---------------|-------------------------|
| KEN/21/2004 | KR188451 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/4/2010 | KR188458 | Hartebeest | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/5/2010 | KR188459 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/55/2009 | None | Cattle | WRLFMD | Kenya | SAT1/I | None |
| KEN/6/2010 | KR188460 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/75/2010 | KR188468 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/77/2010 | KR188470 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/8/2010 | KR188461 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/8/2017 | None | Bovine | WRLFMD | Kenya | SAT1/I | None |
| KEN/80/2010 | KR188472 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/93/2010 | KR188475 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/96/2010 | KR188477 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/K75/2016 * | MN116691 | Bovine | PIADC | Kenya | SAT1/I | None |
| 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 |
| 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 |
| T116/2016 * | MH931420 | Cattle | PAU | Tanzania | SAT1/I | None |
| T41/2016 * | MH936366 | Cattle | PAU | Tanzania | SAT1/I | None |
| T64/2016 * | MH931407 | Cattle | PAU | Tanzania | SAT1/I | None |
| TAN/2/71 | KF561707 | Cattle | WRLFMD | Tanzania | SAT1/I | None |
| TAN/5/96 * | AY442007 | Cattle | OVI | Tanzania | SAT1/I | 17187294 |
| TAN-SUA-2017-0198 * | None | Cattle | SUA | Tanzania | SAT1/I | None |
| TAN-SUA-2017-0205 * | None | Cattle | SUA | Tanzania | SAT1/I | None |
| TAN-SUA-2017-0214 * | None | Cattle | SUA | Tanzania | SAT1/I | None |
| KEN/3/2020 | None | Cattle | WRLFMD | Kenya | SAT1/I | None |
| MSV/TZ/03/2020 * | OQ615916 | Zebu | SUA | Tanzania | SAT1/I | None |
| 37/Kenya/12Jan2016 * | OM562565 | Bovine | KSU | Kenya | SAT1/I | None |
| K54/2016 * | MK238991 | Cattle | KAGRC | Kenya | SAT1/I | None |
| K59/2016 * | MK238992 | Cattle | KAGRC | Kenya | SAT1/I | None |
| K60/2016 * | MK238993 | Cattle | KAGRC | Kenya | SAT1/I | None |
| K71/2016 * | MK238994 | Cattle | KAGRC | Kenya | SAT1/I | None |
| KEN/1/2010 | KR188456 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |

FMDV VP1 Sequences included in the Phylogenetic Tree (continued)

| Sequence Name | GenBank Accession | Host | Ref Lab | Country | FMDV Taxonomy | Pubmed Reference Number |
|---------------|-------------------|--------|---------|---------|---------------|-------------------------|
| KEN/1/2017 | None | Cattle | WRLFMD | Kenya | SAT1/I | None |
| KEN/10/2010 | KR188462 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/101/2010 | KR188480 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/102/2010 | KR188481 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/103/2010 | KR188482 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/104/2010 | KR188483 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/105/2010 | KR188484 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/106/2010 | KR188485 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/112/2010 | KR188490 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/114/2010 | KR188492 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/118/2010 | KR188495 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/119/2010 | KR188496 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/12/2010 | KR188463 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/120/2010 | KR188497 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/121/2010 | KR188498 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/122/2010 | KR188499 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/124/2010 | KR188501 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/128/2010 | KR188504 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/13/2010 | KR188464 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/130/2010 | KR188505 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/131/2010 | KR188506 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/132/2010 | KR188507 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/136/2010 | KR188509 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/139/2010 | KR188511 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |
| KEN/14/2010 | KR188465 | Cattle | WRLFMD | Kenya | SAT1/I | 26630483 |

* Not a WRLFMD Reference Number;

^ Not Available