



GENERAL AUTHORITY FOR VETERINARY SERVICES
Implementing Agency of the Government of Mongolia



Current Foot-and-Mouth Disease Situation

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FOOT-AND-MOUTH DISEASE OUTBREAK SITUATION, 2025–2026



8 outbreaks • A total of 173 animals affected • FMD serotypes O and SAT1 identified

Sukhbaatar Province

Uulbayan Soum
2025.03.06

35 sheep

Dornod Province

Dashbalbar Soum
2025.08.29

1 sheep

Sukhbaatar Province

Sukhbaatar Soum
2026.03.11

6 sheep

Khovd Province

Bulgan Soum
2026.05.27

32 cattle
SAT1

Ulaanbaatar city

City
2025.07.10

1 sheep

Sukhbaatar Province

Ongon Soum
2025.12.16

4 sheep

Bayan-Ulgii Province

Altai Soum
2026.05.21

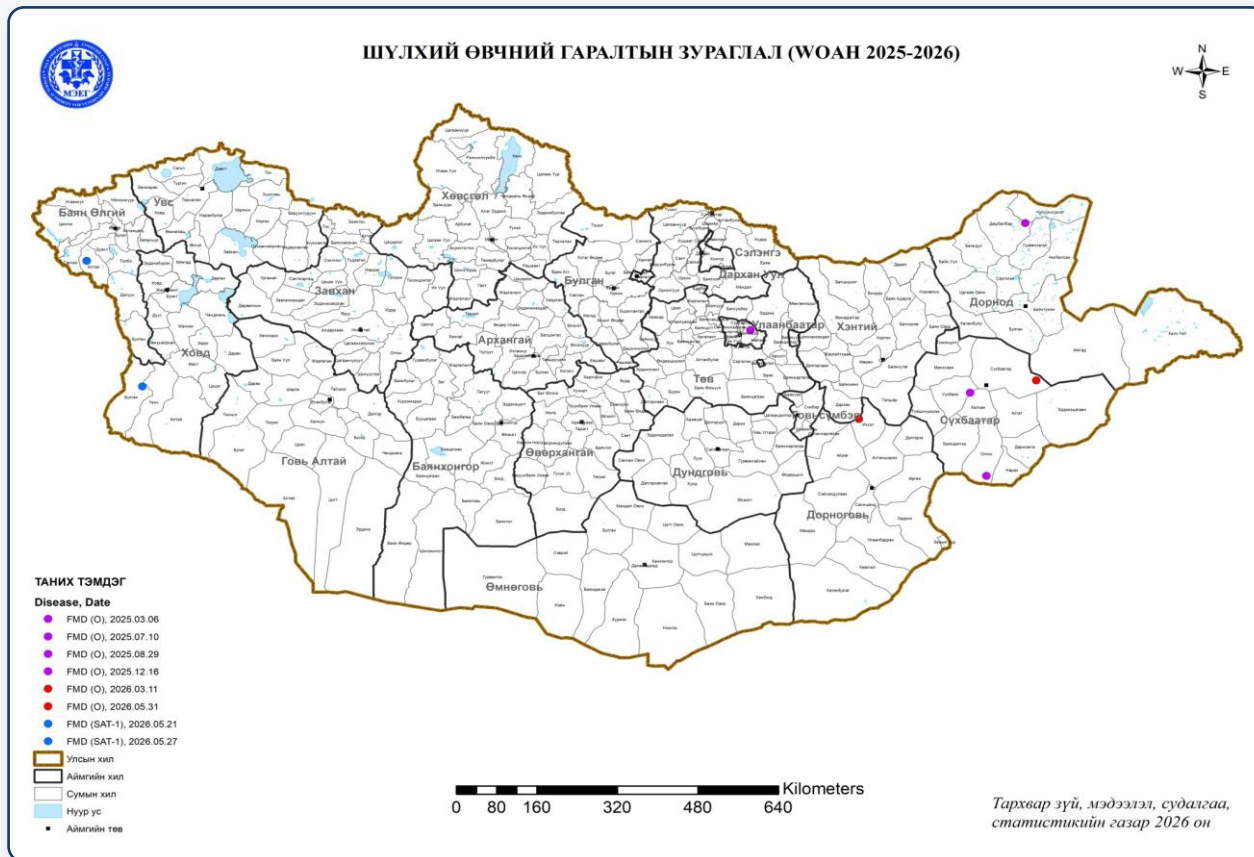
59 cattle
SAT1

Dornogobi Province

Ikh-khet Soum
2026.05.31

35 sheep

In May 2026, an outbreak of the FMD SAT1 serotype was confirmed. The outbreaks in Bayan-Ölgii and Khovd provinces occurred just six days apart, indicating the introduction of a new FMD serotype into western Mongolia.



8

An outbreak was confirmed

2025.03 – 2026.05

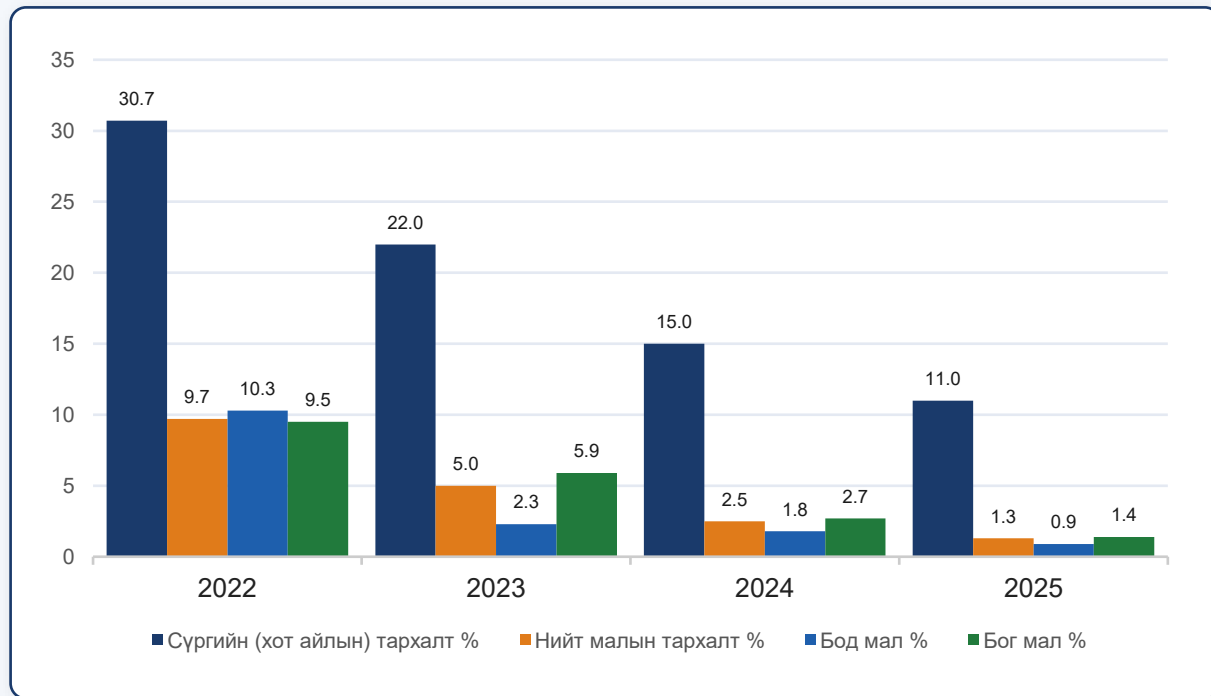
173

Animals affected in the eight outbreaks

2

**O and SAT 1
serotype**

Changes following the implementation of the vaccination strategy



3 fold

**Herd-level infection prevalence
decreased**

30.7% → 11%

7 fold

**Overall animal infection
prevalence decreased**

9.7% → 1.3%

Figure 3. Impact Since the Introduction of Vaccination Targeting Only Cattle, Pigs and Reindeer (from April 2022)

Results of the ELISA test for detection of antibodies against non-structural proteins (NSPs)

1.3%

**Decline in overall animal
infection prevalence**

249 / 19,840 · CI 1.1–1.4%

11%

**Reduction in herd-level
infection prevalence**

131 / 1,239 хот айл · CI 9–12%

0.9%

cattle

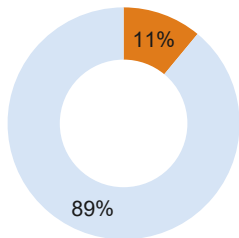
46 / 4,967 · CI 0.7–1.2%

1.4%

sheep

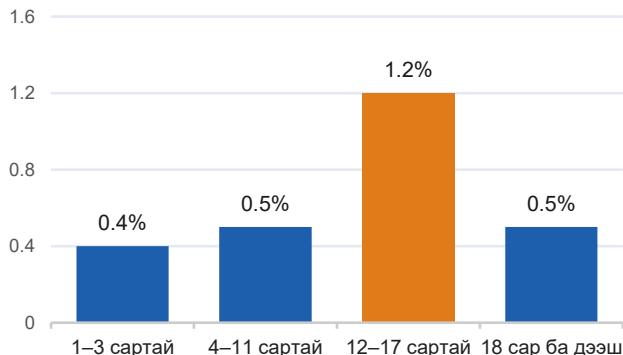
205 / 14,873 · CI 1.2–1.6%

Ratio of Positive to Negative Herds



■ Зөрөг (131) ■ Сөрөг (1,108)

Seropositivity by Age Group



Seropositivity by Sex

F

1.4%

M

1.1%

**One out of every nine herds tested
positive (P = 0.02, cattle and small
ruminants).**

WOAH-Endorsed Official Control Programme (OCP)

Mongolia submitted its Official Control Programme (OCP) for Foot-and-Mouth Disease (FMD) to the World Organisation for Animal Health (WOAH) in September 2024. The programme was officially endorsed by WOAH on 29 May 2025 during the 92nd WOAH General Session.

1

2024.09

The Official Control Programme (OCP) was developed and formally submitted to WOAH.

2

2025.05.29

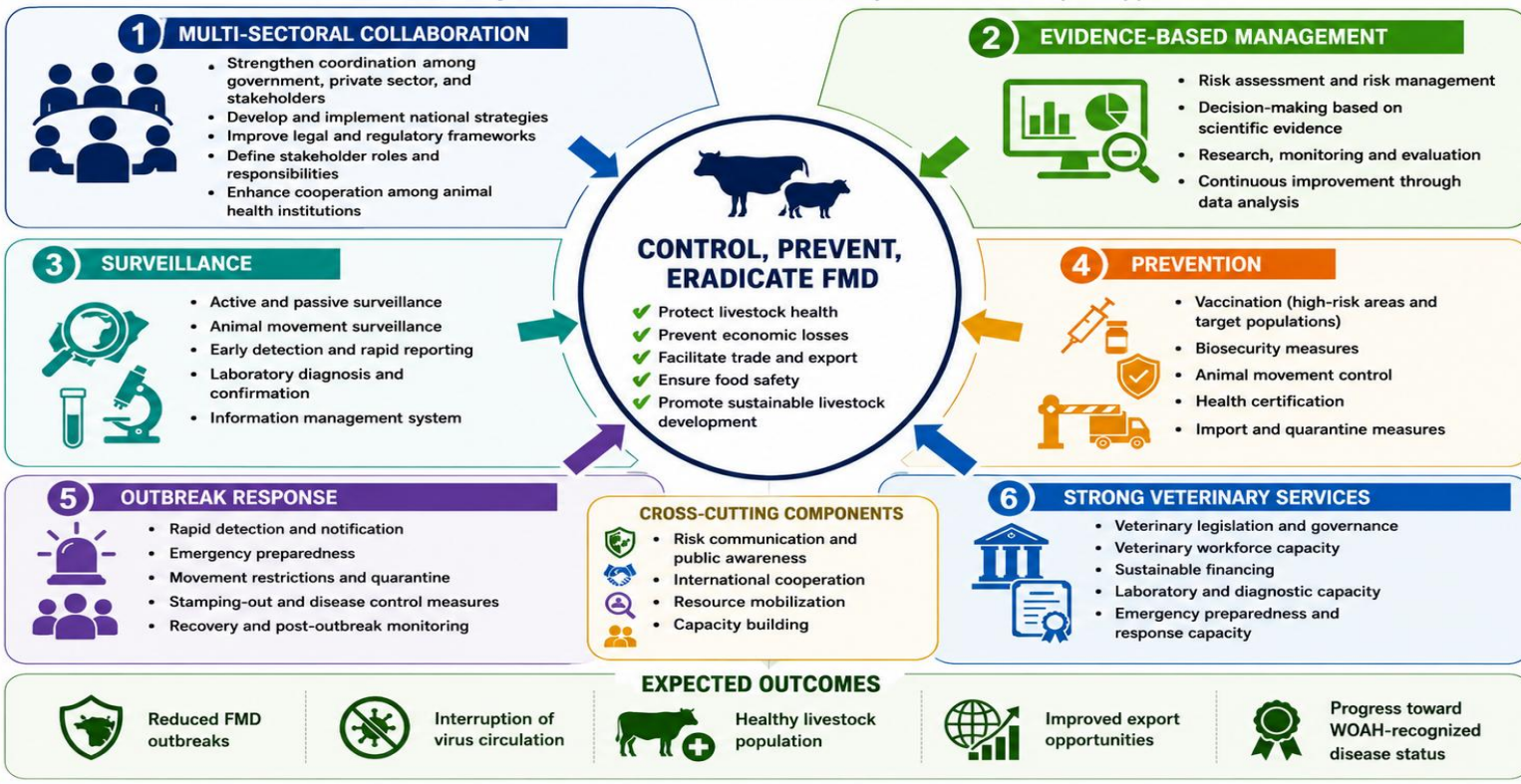
Endorsed during the 92nd WOAH General Session.



The FMD Official Control Programme (OCP) is implemented through a risk-based, multi-sectoral approach, integrating surveillance, prevention, outbreak response, veterinary services, and stakeholder engagement to progressively control and ultimately eradicate Foot-and-Mouth Disease in Mongolia.

FOOT-AND-MOUTH DISEASE (FMD) OFFICIAL CONTROL PROGRAMME

OVERALL OBJECTIVE: To reduce and ultimately eradicate Foot-and-Mouth Disease (FMD) and other major transboundary animal diseases, safeguard livestock health and food safety, and enhance export opportunities.



ALTAI SOUM, BAYAN-ULGII PROVINCE

Cattle	992
Sheep	155
Goat	59
Camel	1

Total clinically affected animals 1,207

Suspected animals in the outbreak zone 452

Animals Destroyed 1,659

BULGAN SOUM, KHOVD PROVINCE

Cattle	1,073
Sheep	28
Goat	46
Camel	—

Total clinically affected animals 1,147

Suspected animals in the outbreak zone —

Animals Destroyed 961

OUTBREAKS IN THE WESTERN REGION



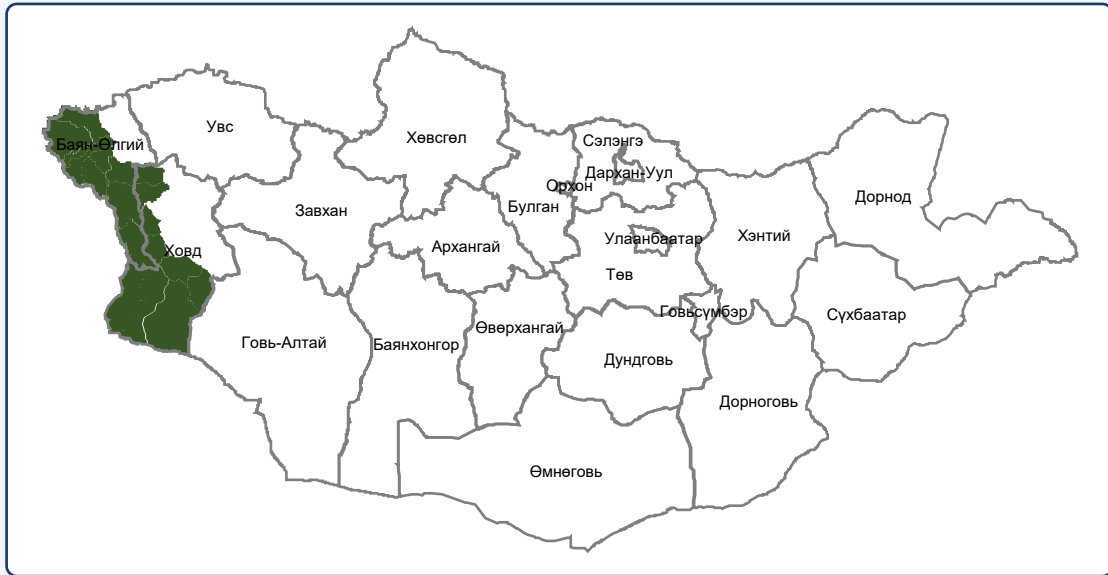
Outbreaks in Bayan-Ölgii and Khovd provinces were reported only six days apart (21–27 May 2026).

Total animals destroyed: 2,620



VACCINE USED: FMD SAT-1 VACCINE

(China Agricultural Vet. Bio. Science and Technology Co., Ltd.)



KHOVD PROVINCE

4,656 Herder

115,434

CATTLE

1,078,973

SHEEP AND GOAT

BAYAN-ULGII PROVINCE

11,793 Herder

160,801

CATTLE

1,154,415

SHEEP AND GOAT

OVERALL VACCINATION COVERAGE

16,449

HERDER

276,235

CATTLE

2,233,388

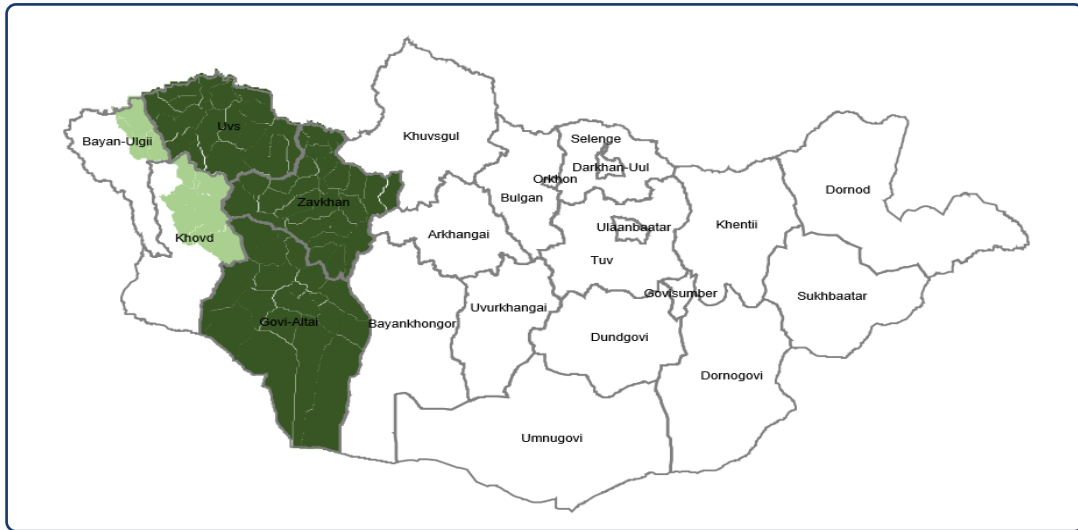
SHEEP AND GOAT

2,509,623

TOTAL



Vaccine Used: Russian Inactivated Aluminum Hydroxide–Formalin FMD Vaccine (SAT-1, O Serotypes)



KHOVD AND BAYAN-ULGII PROVINCE

TOTAL 1,857,076

173,502

CATTLE

1,683,574

SHEEP AND GOAT

GOBI-ALTAI, UVS AND ZAVKHAN PROVINCE

TOTAL 677,020

677,720

CATTLE

TOTAL PROVINCES COVERED BY VACCINATION

2

KHOVD AND BAYAN-ULGII

CATTLE, SHEEP AND GOAT

3

GOBI-ALTAI, UVS AND ZAVKHAN

CATTLE

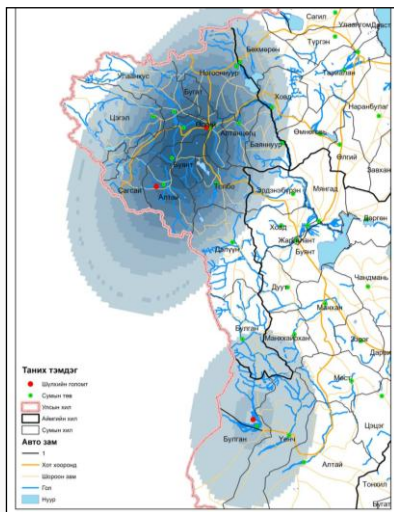
5

Vaccine

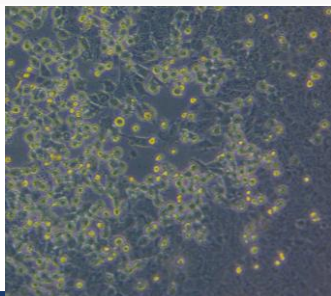
“O” and SAT1

Laboratory Confirmation of FMD SAT-1 Outbreak in Mongolia (May 2026)

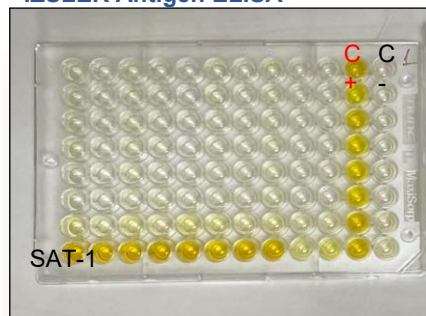
SAT-1 outbreak in Western Mongolia



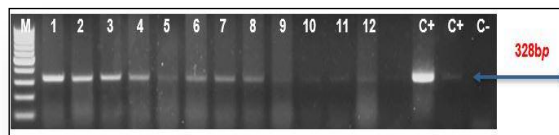
Virus Isolation (LFBK- α v β 6)



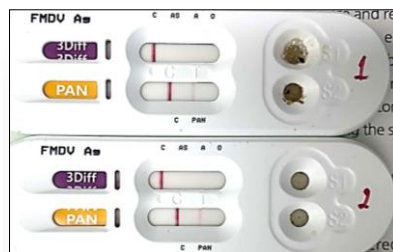
IZSLER Antigen ELISA



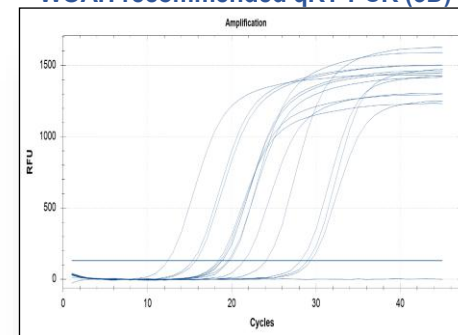
WOAH recommended RT-PCR (5' UTR)



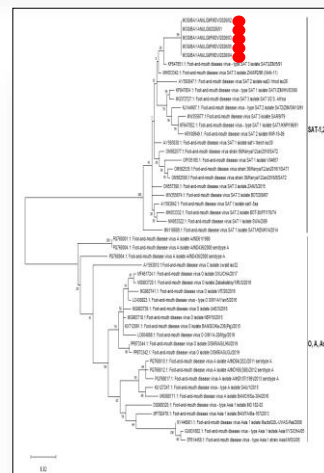
MEDIAN VDRG® FMDV 3Diff/PAN Ag Rapid kit



WOAH recommended qRT-PCR (3D)



Sanger sequence confirming SAT-1 (3Dpro gene)



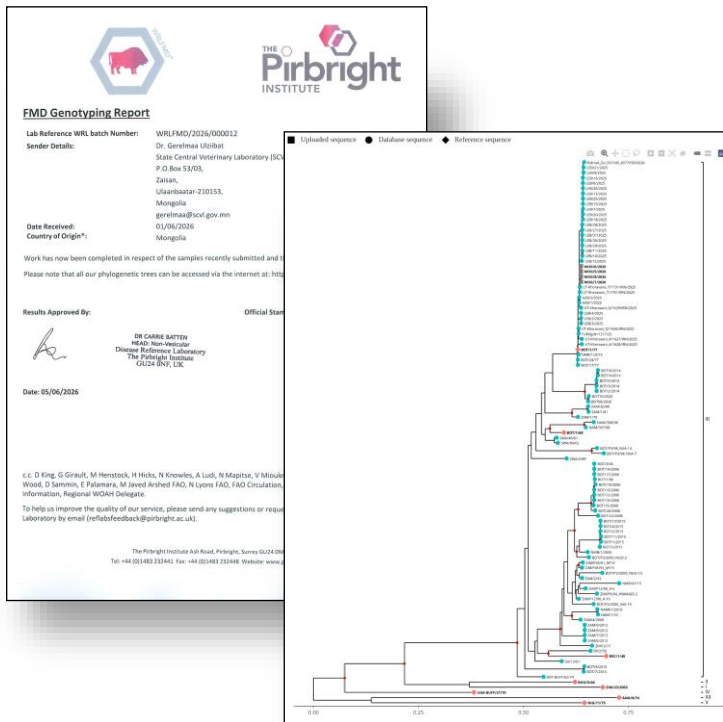


Reference Laboratory Confirmation

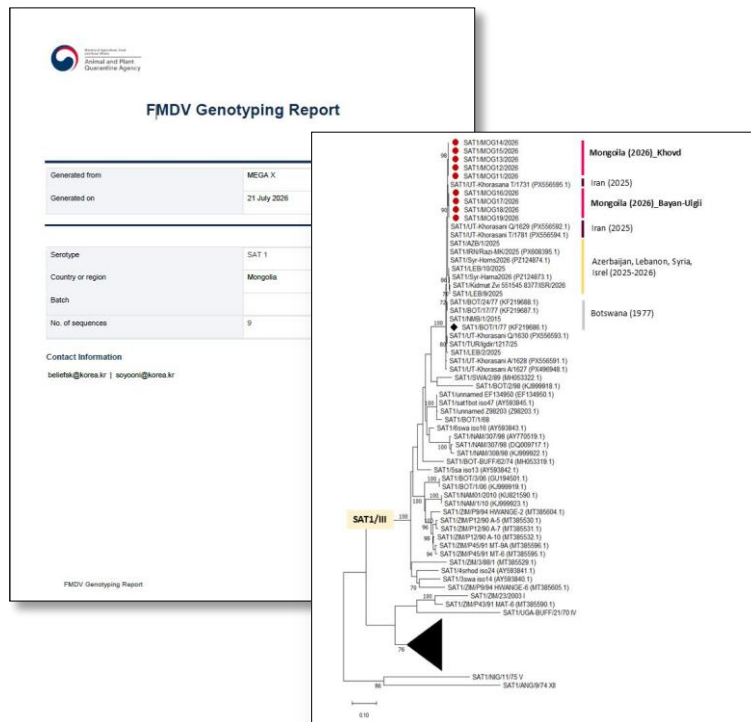


On May 29th and June 17th, samples were sent to the WOA reference laboratories Pirbright Institute and APQA of Republic of Korea, respectively, which confirmed the spread of Foot-and-Mouth Disease Virus SAT-1 in Mongolia and identified the strain as belonging to the SAT-1 Topotype III lineage.

- Pirbright Institution



- Animal Plant Quarantine Agency





THANK YOU FOR YOUR ATTENTION