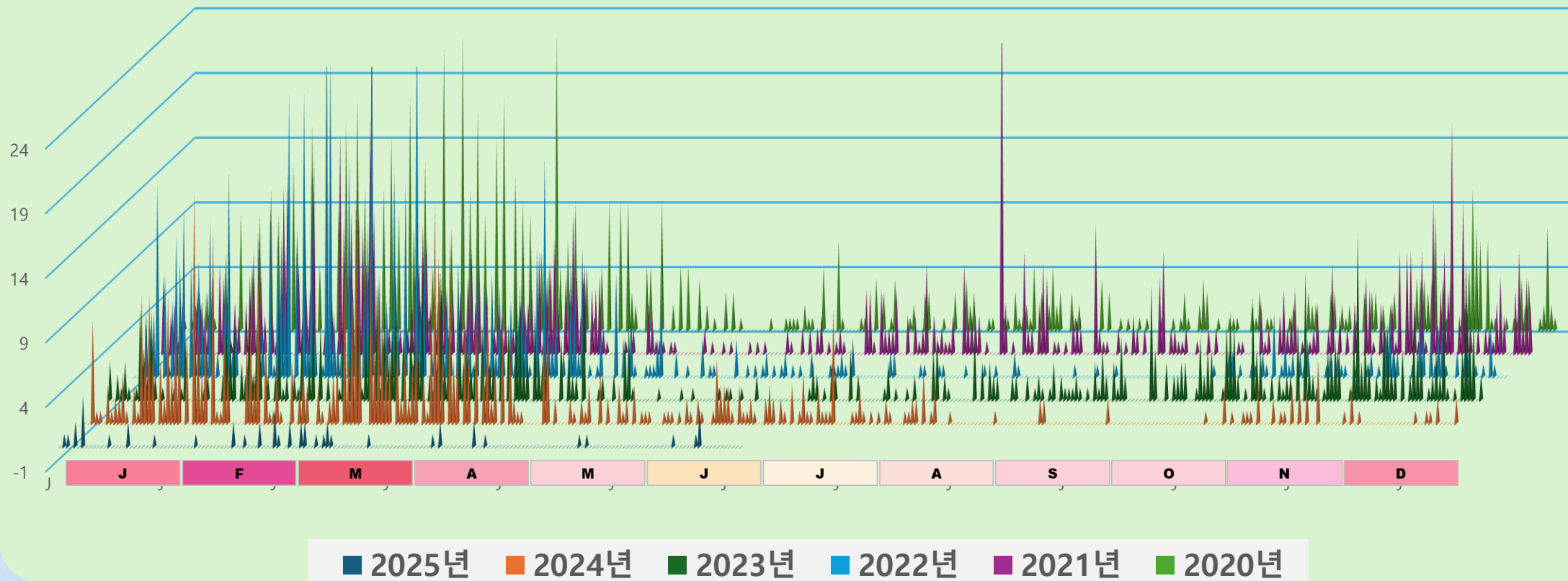


Analysis of ASF Outbreak Characteristics in Wild Boars

Daily ASF Positive Cases in Wild Boars Since Year 2020

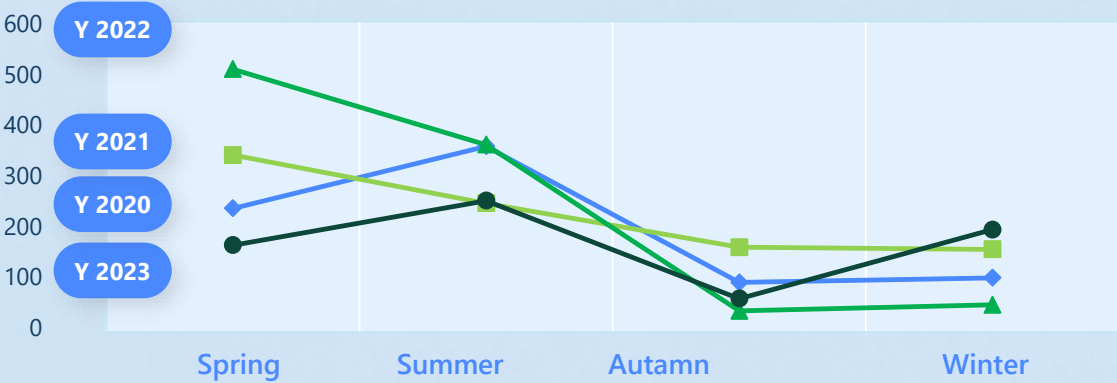


Analysis of ASF Outbreak Characteristics in Wild Boars

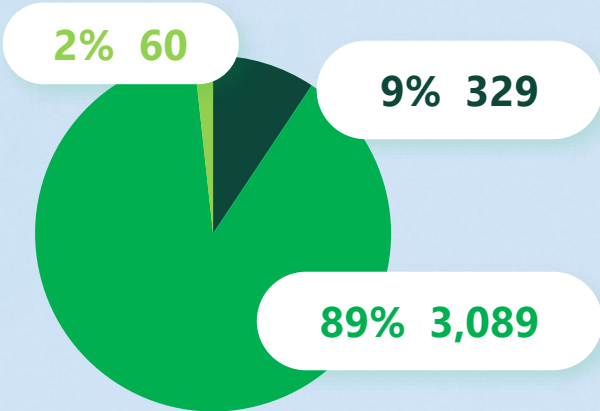
Seasonal patterns of ASF cases

Types of wild boar samples(~2023)

No. Positive



■ hunting
■ carcass
■ traps



Number of Cases by sex (F/M 1.11~1.37)

Year	2019	2020	2021	2022	2023	2024	2025	Total
Female	20	386	392	396	284	291	10	1,779
Male	17	280	287	290	251	205	9	1,339
Uncertainty	18	190	285	192	200	223	28	1,136
Total	55	856	964	878	735	719	47	4,254

Phylogenetic tree and comparison of partial fragments of Korean ASFV isolates



Georgia



Korea



Russia



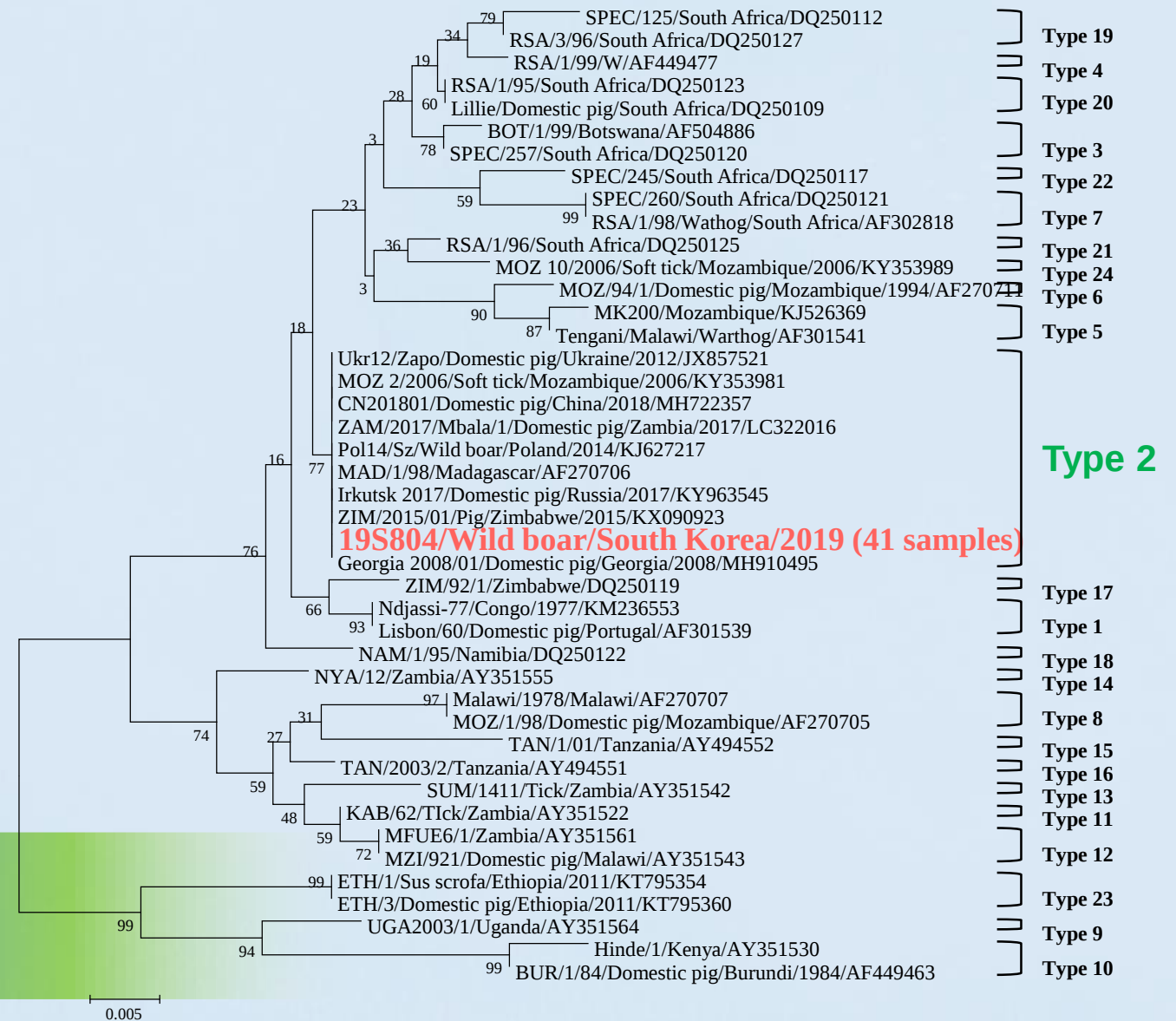
Ukraine



Poland

China

A. Phylogenetic relationship based in p72 encoding gene sequence.



GII, IGR II of China domestic /backyard pig

GII, IGR I of China wild boar

North Korea ?

GII, IGR II of South Korea wild boar

B. Initial ASF outbreak locations of three countries



Phylogenetic Analysis Results(2019-2021): BEAST

