

FMD SITUATION (2016)

Case Report : 420 reports

From : 43 provinces

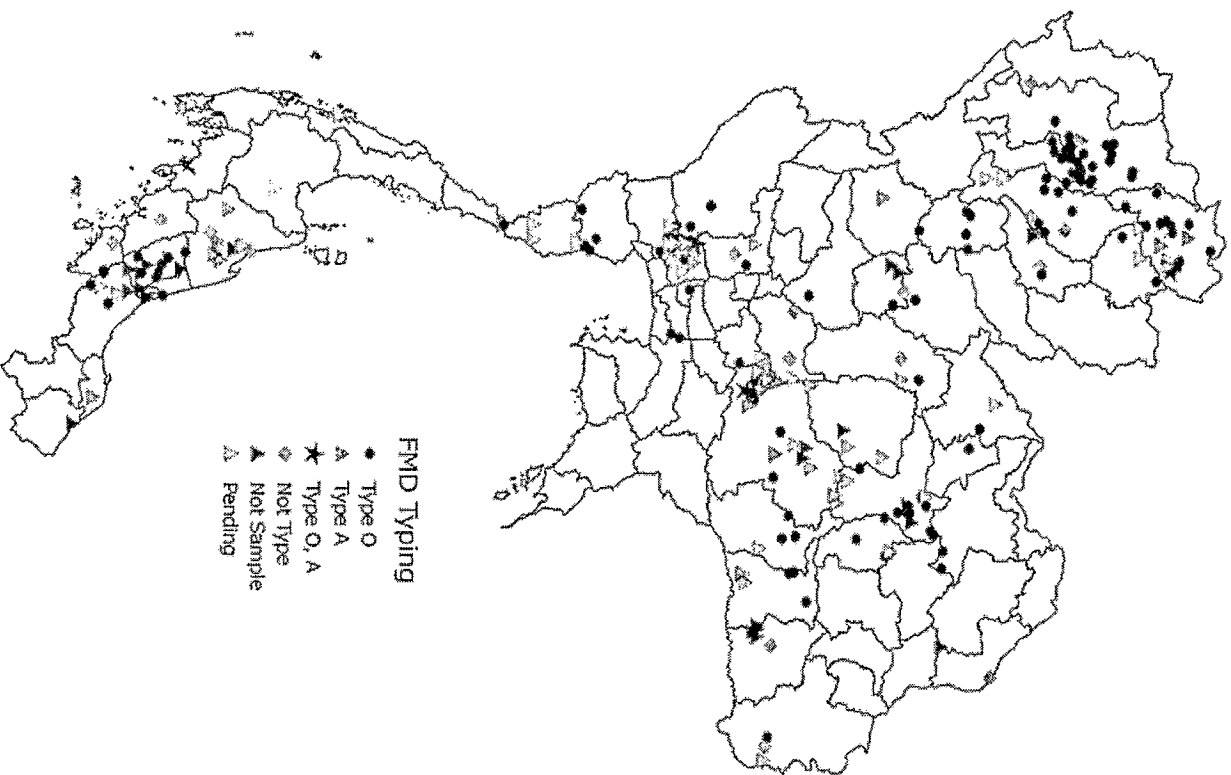
Buffalo : 44 reports

Ovine : 1 report

Dairy cattle :168 reports

Beef cattle : 198 reports

Swine: 9 reports



CURRENT FMD SITUATION



FMD SITUATION (2017)

Case Report : 36 reports

From : 13 provinces

Buffalo : 4 reports

Dairy cattle : 9 reports

Beef cattle: 22 reports

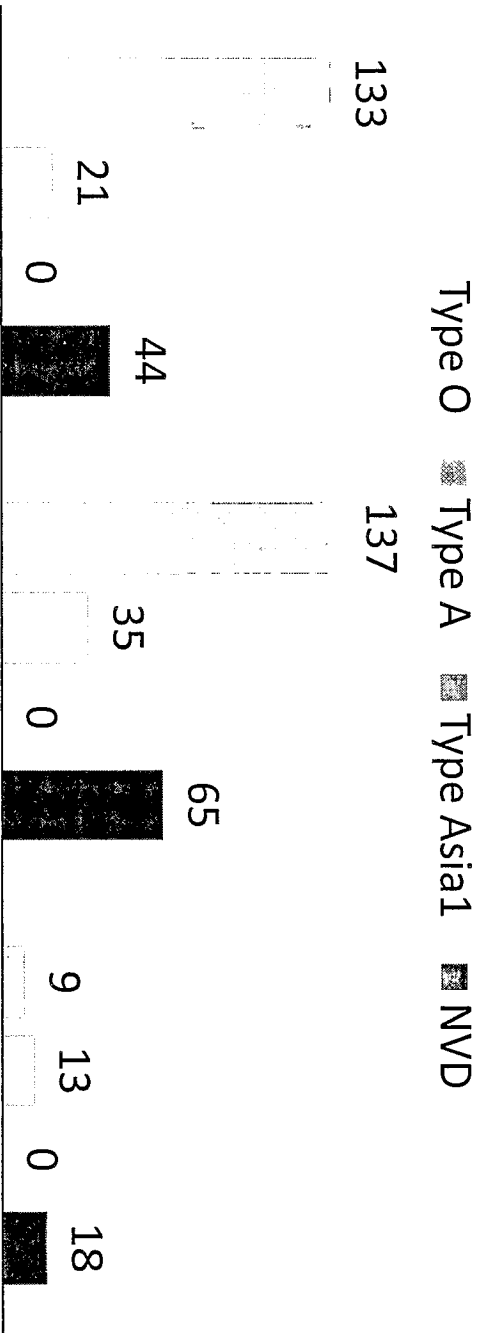
Swine : 1 report



CURRENT FMD SITUATION

EVD Virus characterization (serotyping and genotyping)

Year	No. samples submitted to national lab	No. of serotype O viruses	No. of serotype A viruses	No. of serotype Asia 1	No virus detected
2015	198	133	21	0	44
2016	253	137	35	0	65
2017	40	9	13	0	18

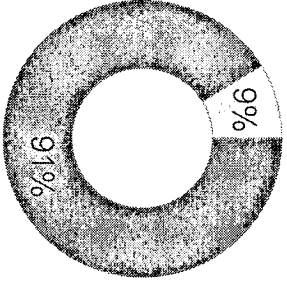


EVD Virus characterization (serotyping and genotyping)

Year	No. samples submitted to national lab	Realtime-PCR	
		Positive	Negative
2016	253	231	22
2017	40	30	10

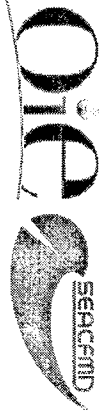
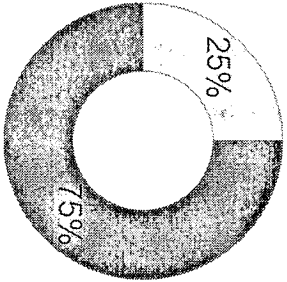
Realtime-PCR 2016

Positive
 Negative



Realtime-PCR 2017

Positive
 Negative



FMD Virus characterization (serotyping and genotyping)

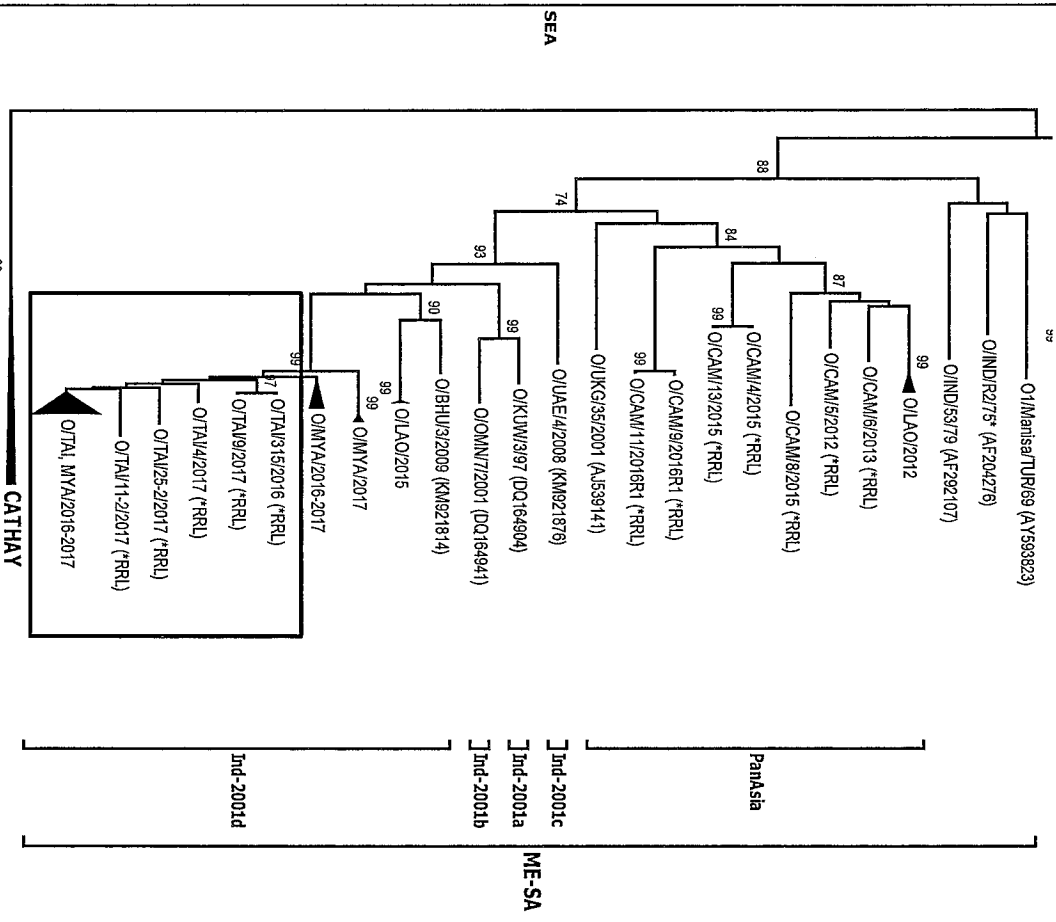
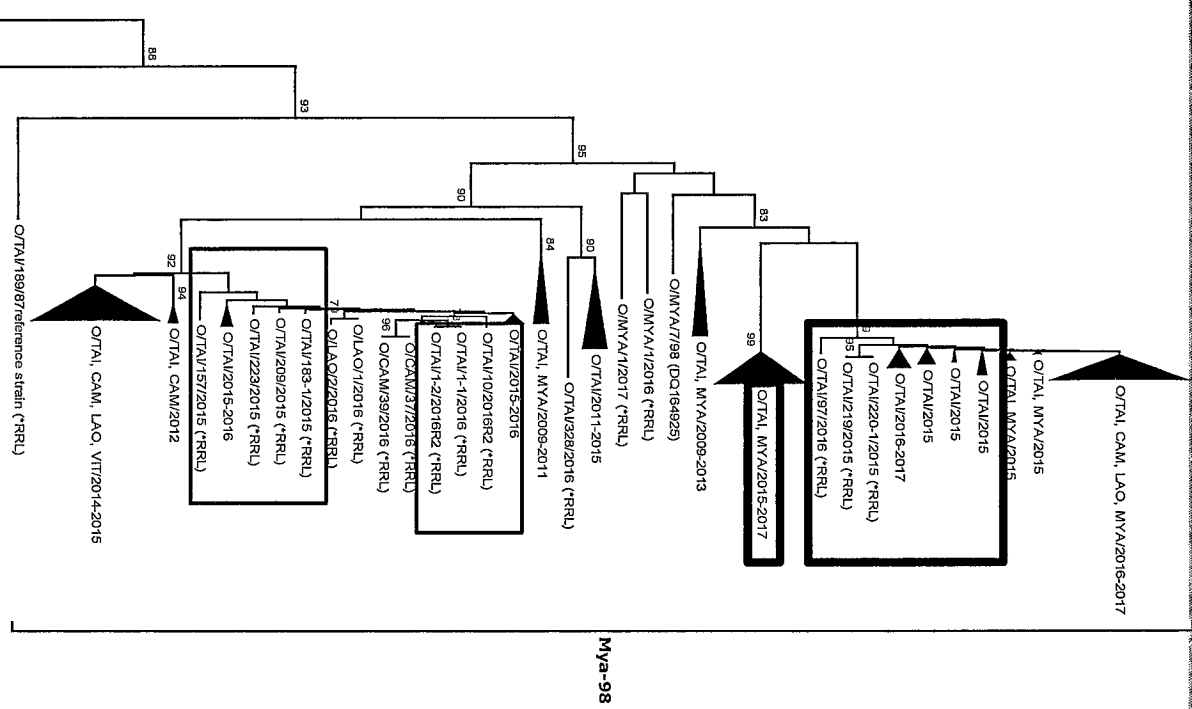
	n	0-0.19	0.2-0.39	0.40-1.0
2015	Thailand	58	-	58
2016	Thailand	23	-	23

Year	Country	n	A/Lopburi/2012			A/Sakolnakorn/97		
			0-0.19	2.0-0.39	0.40-1.0	0-0.19	0.2-0.39	0.40-1.0
2016	Thailand	15	4	7	4	-	-	15
2017	Thailand	6	3	1	2	0	3	3

LABORATORY DIAGNOSIS



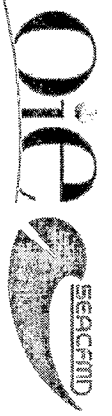
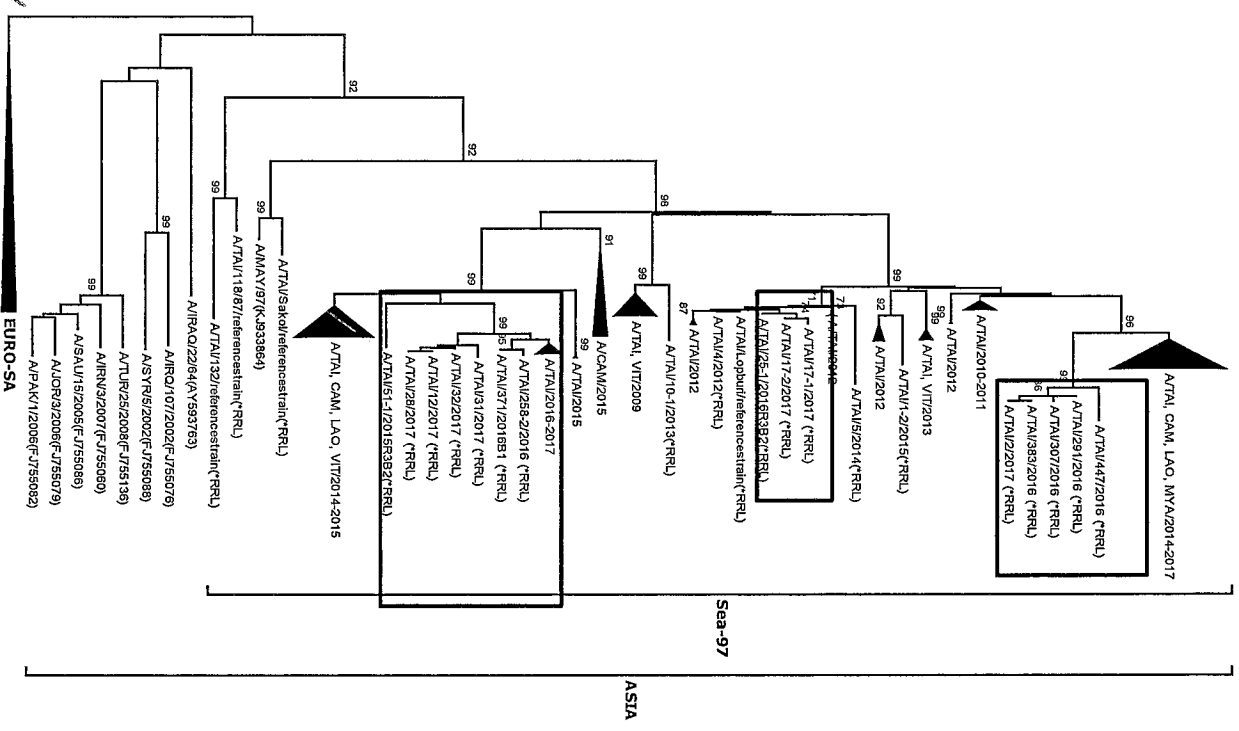
EVD Virus characterization (serotyping and genotyping)



LABORATORY DIAGNOSIS

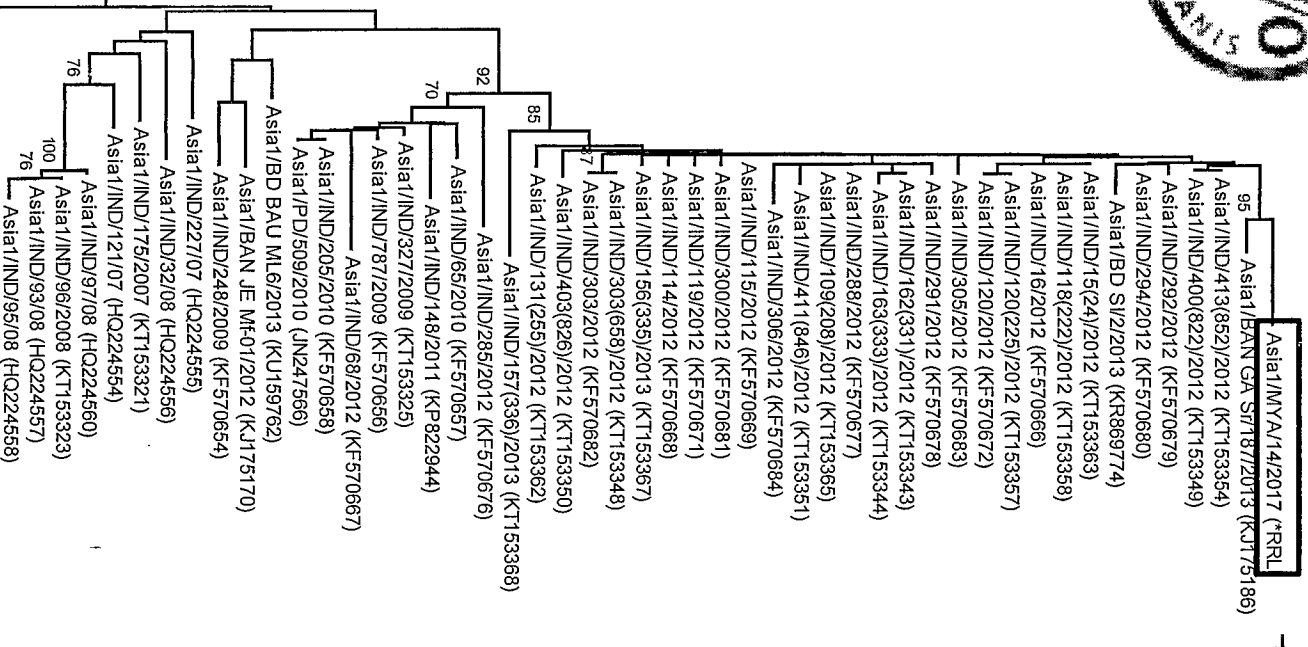
FMD Virus Characterization (serotyping and genotyping)

LABORATORY DIAGNOSIS

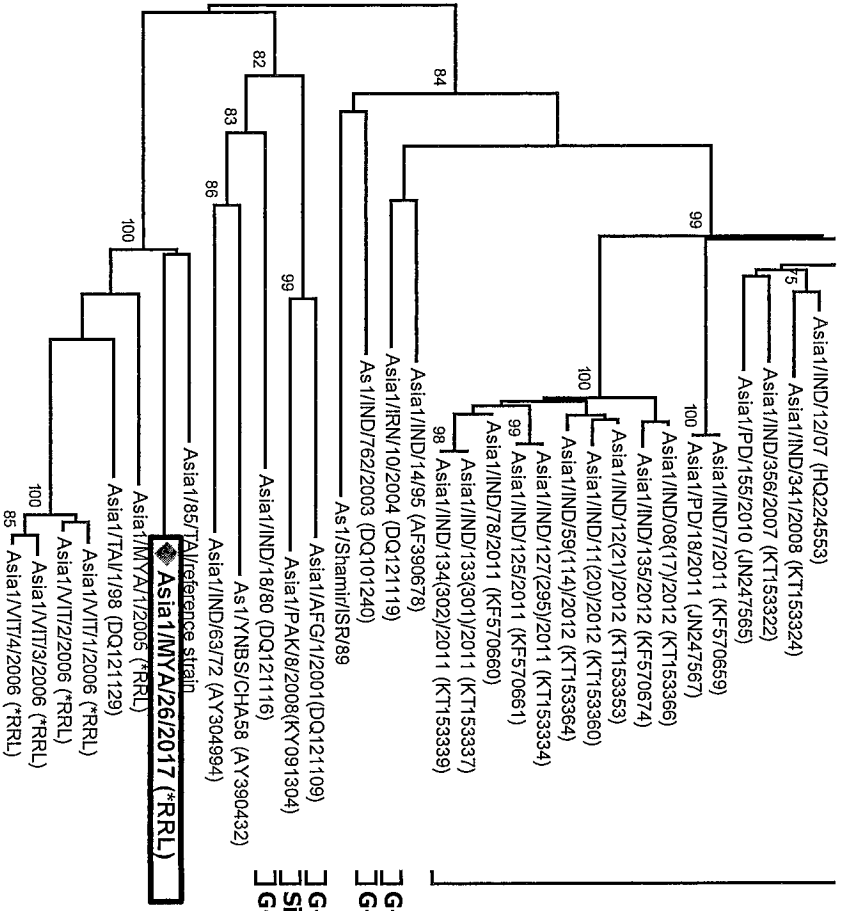


0.02

Laboratory Diagnosis



G-VIII



G-VIIb
G-VII
G-I
Sindh-08
G-V

Phylogenetic tree For H1N1 Type Asia