

**Supplementary Table 1. A table of publication specific clade designation and its corresponding RABV-GLUE designation**

Country	Number of papers reviewed	Paper_designation	RABV-GLUE designation
Afghanistan	*	Arctic-like lineage	Arctic AL1b
Azerbaijan	2	Cosmopolitan lineage	Cosmopolitan Cosmopolitan ME1a Cosmopolitan CA2
Bangladesh	1	AAL2	Arctic AL1a
Bhutan	1	Arctic-like-1	Arctic Arctic AL1a
Cambodia	1	SEA1 SEA2 SEA3	Asian SEA3
China	55	Asian 1=1a,	Asian SEA1a
		China I	Asian SEA1b
		Clade 1: IA and IC subgroup	Asian SEA1b
		Clade I of lyssavirus genotype I	Asian SEA1b
		Clade I: Lineages A,B,C,D,E,F	Asian SEA1b
		Genotype 1, subgroup A	Asian SEA1b
		SEA1	Asian SEA1b
		Asian 2	Asian SEA2a
		China Clade II	Asian SEA2a
		Genotype 1, subgroup B	Asian SEA2a
		SEA2	Asian SEA2a
		China II	Asian SEA2b
		Clade 2	Asian SEA2b
		Clade B	Asian SEA3
		China I-VII: China IV	Arctic AL2
		China clade III	Cosmopolitan
		China I-VII: Clade III	Cosmopolitan
		China I-VII: China VII	Indian Subcontinent
		China I-VII: Clade I,II,V,VI	Asian SEA1b, Asian SEA2:a&b, Asian SEA1a, Asian SEA3
		Group I, II, III <J84>	Asian SEA1b, Asian SEA2a, Cosmopolitan
Group I, II, III, IV <J83>	Asian SEA2a, Asian SEA1b, Asian SEA3, Cosmopolitan Vac		
Lineage A, B, C1, C2 <J79>	Asian SEA1b, Asian SEA2a, Cosmopolitan,		

			Asian SEA1b
		6 Lineages: A, B, C, D, E, F <J98>	Cosmopolitan, Arctic AL2, Asian SEA1b, Asian SEA1a, Asian SEA2:a&b, Asian SEA3
		Group I: YN-A (China I), YN-B (ChinaVI), YN-C (ChinaII), YN-D (China III)	Asian SEA1b, Asian SEA3, Asian SEA2a, Cosmopolitan
		6 FB-related lineages: FB I,II,III,IV (China II); FB V,VI (China I)	Asian SEA2b; Asian SEA1b
Georgia	*	Cosmopolitan	Cosmopolitan CA2
India	13	Indian Lineage I; Indian Lineage II	Arctic, Arctic AL1a ; Asian SEA1a, Indian-sub
		GC1	Arctic AL1a
		Cluster I	Arctic AL1a
		Gr-1: Gr-1A, Gr-1B	Arctic AL1a, Arctic AL1a
		4Clusters: Cluster 1, 2, 3, 4	Arctic AL1a, Arctic AL1a, Indian-sub, Cosmopolitan
		Gr-I/Arctic like lineage; Gr-II /Asian lineage	Arctic AL1a; Cosmopolitan Vac
		IN-1= Northern India, IN-2=Southern India	Arctic AL2, Arctic AL1a
		5 Genetic clusters: GC 1,2; GC 3,4,5	Arctic, Arctic AL1a; Arctic AL1b
Indonesia	4	descendant of Kalimantan strain ID1;ID2;ID3 2 major clusters: Group I and Group II 3 lineages: Lineage 1(Sumatra), 2(Flores), 3(all rabvs from Bali)	Asean SEA1b
Iran	3	Group 1; 2a,2c; 3	Cosmopolitan CA2; Cosmopolitan ME1a, Cosmopolitan CA1; Arctic
Iraq	3	Cosmopolitan	Cosmopolitan CA2, Cosmopolitan ME1a,
Israel	2	Variants I-VII: Israel I-V; VI; VII	Cosmopolitan ME1a; Cosmopolitan ME1b; Cosmopolitan ME2
Jordan	1	Cosmopolitan ME1 Cosmopolitan ME2	Cosmopolitan ME1a Cosmopolitan ME1b
Kazakhstan	1	Cosmopolitan	Cosmopolitan Cosmopolitan CA1

Korea	4	Arctic Gangwon variant Arctic lineage: A & B	Arctic AL2
Laos	1	SEA : Laos II Lineage Laos III Laos IV	Asian SEA3
Malaysia	1	Asian I Asian II lineage	Asian SEA1b Asian SEA3
Mongolia	4	Group A; Group B	Cosmopolitan CA1; Arctic AL2
		Clade1(Asian), Clade 2(Cosmopolitan)	Asian SEA1b; Cosmopolitan CA1
		Subclade A; Subclade B	Cosmopolitan CA1
Nepal	1	Indian Subcontinent Arctic Like : AL1 and AL3	Arctic AL1a Arctic AL3 Cosmopolitan Vac Indian-Sub
Oman	2	Genotype 1	Cosmopolitan ME1a
Pakistan	*	Arctic-like lineage	Arctic AL1a Arctic AL1b
Philippines	8	Classical rabies virus (genotype I) Grp 1, Grp 2 Clades and subclades: Group L=Luzon (GrL1-9; GrSL,GrMD ) Group V= Visayas (V1,V2) Group M=Mindanao Asian 2b cluster with 3 clades: Luzon, Visayas, Mindanao SEA4 Clade 1,2,3	Asian: SEA4
Qatar	1	Cosmopolitan	Cosmopolitan ME1a
Russia	4	Eurasian group , N-E North eastern group; C-R Central Russian group; Cau- Caucasian group	Cosmopolitan CA1; Cosmopolitan NEE; Cosmopolitan CA; Cosmopolitan CA2
Saudi Arabia	*	Cosmopolitan	Cosmopolitan ME1a
Sri Lanka	2	Independent lineage: Indian Sub Clades I-VII	Indian Sub
Taiwan	5	TWI and TWII: SEA5 3 major genotypes: Eastern; Central; Southern RABV-TWFB Sub cluster I, II, III	Asian SEA5
Thailand	5	Clades 1-6	Asian SEA3
		T1 and T2 with 4 lineages each	Asian SEA3
		THA-1A; THA-1B; THA-2	Asian SEA3
		TH1:A,B,C; TH2:A-H	Asian SEA3

Turkey	2	Clade 1; Clade 2	Cosmopolitan ME2
United Arab Emirates	*	Cosmopolitan	Cosmopolitan ME1a
Vietnam	2	SEA 1	Asian SEA3
		Grp 1:subgrp 1a and 1b; Grp 2	Asian SEA3; Cosmopolitan, Cosmopolitan Vac
Algeria	1	AF1a	Cosmopolitan AF1a
Botswana	1	AF1b	Cosmopolitan AF1b and AF3
Brazil	19	AgV1 & AgV2	Bats DR,Cosmopolitan AM3a, Cosmopolitan AM3b,Cosmopolitan,
		Subgroup I and IIa, IIb, IIc assigned geographically	Cosmpolitan AM3a and Cosmopolitan AM3b, Cosmopolitan AM3b, Cosmopolitan
		Cluster I and Cluster II , assigned geographically	Bats DR and Bats DR
		Domestic clade and Wild clade	Cosmpolitan AM3a and Cosmopolitan, Cosmpolitan AM3a
		PB Foxes, PB Insectivorous bats, PB Cattle	Cosmpolitan AM3b
		AgV1 (vampire bat related)	Bats DR
		Clade I:grp A,B,C and Clade II:grpD, E	Cosmpolitan AM3b, Cosmpolitan AM3a, Bats DR and Bats DR, Bats DR
		Domestic (cluster 1A, 1B) and Wild (cluster 2A, 2B)	Cosmpolitan AM3a, Cosmpolitan AM3a and Cosmpolitan AM3b, Cosmpolitan
		Bats Cluster and Canids Cluster	Bats DR, Bats TB2, Bats and Cosmpolitan, Cosmpolitan AM3a
		Lineage I and Lineage II	Bats DR and Cosmpolitan AM3a
		Cluster I, II, III	Bats DR, Bats, Cosmpolitan AM3a
		Two clusters - Chiroptera and Carnivora: Lineage A, B	Bats DR and Cosmpolitan AM3b, Cosmpolitan AM3a
Cluster I, II and III:Subcluster 3.1, 3.2, 3.3	Cosmpolitan AM3a, Cosmpolitan AM3b and Cosmpolitan, Cosmpolitan AM3b,		

			Cosmopolitan AM3b
		Group A& B, assigned both geographically and by host (dog and bat)	Bats DR,Cosmopolitan AM3a, Cosmopolitan AM3b,Cosmopolitan,
		5 lineages (A-E) according to the host and the source of rabies	Bats DR,Cosmopolitan AM3a, Cosmopolitan AM3b,Cosmopolitan,
		Dog and vampire bat related	Bats DR,Cosmopolitan AM3a, Cosmopolitan AM3b,Cosmopolitan,
		Two group - carnivora and chiroptera	Bats DR,Cosmopolitan AM3a, Cosmopolitan AM3b,Cosmopolitan,
Burkina Faso	1	AF2	AF2
Cameroon	1	AF1 (split into 2 lineages but not as per RABV-GLUE), AF2	Cosmopolitan AF1a, Cosmopolitan AF1b, AF2
Central African Republic	2	AF1b and 2	Cosmopolitan AF1b and 2
Chad	2	AF1 and 2	Cosmopolitan AF1a, Cosmopolitan AF1b and AF2
		AF1	Cosmopolitan AF1a, Cosmopolitan AF1b and AF2
Colombia	3	AgV1 & AgV2	Cosmopolitan AM2a,Bats DR,
		Three groups - domestic dogs, insectivorous bat and hematophagous bat	Cosmopolitan AM2a,Bats DR,
		AgV1 & AgV4	Cosmopolitan AM2a,Bats DR,
Ethiopia	4	AF1a	Cosmopolitan AF1a
		AF1a	Cosmopolitan AF1a
		AF1a	Cosmopolitan AF1a
		AF1a	Cosmopolitan AF1a
Georgia	1	Cosmopolitan	Cosmopolitan CA2
Ghana	2	AF1(a and b) and AF2	Cosmopolitan AF1a, Cosmopolitan AF1b and AF2
		AF1(a and b) and AF2	Cosmopolitan AF1a, Cosmopolitan AF1b and AF2
Kenya	1	AF1(a and b)	Cosmopolitan AF1a and Cosmopolitan AF1b
Lesotho	1	AF1b (divided into clade A, B and C )	Cosmopolitan AF1b

Liberia	1	AF2	AF2
Malawi	1	AF1b	Cosmopolitan AF1b
Mali	1	AF2 (divided into clades F, G and H)	AF2
Mexico	5	Insectivorous bats	Bats TB1, Cosmopolitan Vac2
		Two groups: domestic dogs and skunk rabies	Bats TB1, Cosmopolitan Vac2, Cosmopolitan AM2a
		AgV1	RAC-SK
		AgV1	Bats TB1, Cosmopolitan Vac2
		AgV1 & AgV7 and skunk	Cosmopolitan AM2a,AM2b,Cosmopolitan n Vac2, Cosmopolitan and RAC-SK
Mozambique	1	AF1b (divided into clade A, B and C)	Cosmopolitan AF1b
Namibia	2	AF1b	Cosmopolitan AF1b
		AF1b	Cosmopolitan AF1b
Nigeria	3	AF2	AF2
		AF2	AF2
		AF2	AF2
Senegal	1	AF2	AF2
South Africa	16	AF1b	Cosmopolitan AF1b and AF3
		AF1b and AF3	Cosmopolitan AF1b and AF3
Sudan	2	AF1a	Cosmopolitan AF1a
Tanzania	10	AF1b	Cosmopolitan AF1b
		AF1(a and b)	CosmopolitanAF1A and CosmopolitanAF1b
Tunisia	2	AF1a	Cosmopolitan AF1a
Uganda	2	AF1a and b	Cosmopolitan AF1a and Cosmopolitan AF1b
United Arab Emirates	1	Cosmopolitan	Cosmopolitan ME1a
West Indies	1	AgV1	
Zambia	2	AF1b	Cosmopolitan AF1b
Zimbabwe	1	AF1b	Cosmopolitan AF1b
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\* For countries which don't have a country paper but are included as part of a wider analysis e.g. Azerbaijan in the middle east paper