SUPPLEMENTARY APPENDIX

Distinct frequencies and mutation spectrums of genetic thrombophilia in Korea in comparison with other Asian countries both in patients with thromboembolism and in the general population

Hee-Jin Kim,[1,2] Ja-Young Seo,[1] Ki-O Lee,[3] Sung-Hwan Bang,[1] Seung-Tae Lee,[1] Chang-Seok Ki,[1] Jong-Won Kim,[1] Chul Won Jung,[4,5] Duk-Kyung Kim,[5,6] and Sun-Hee Kim[1]

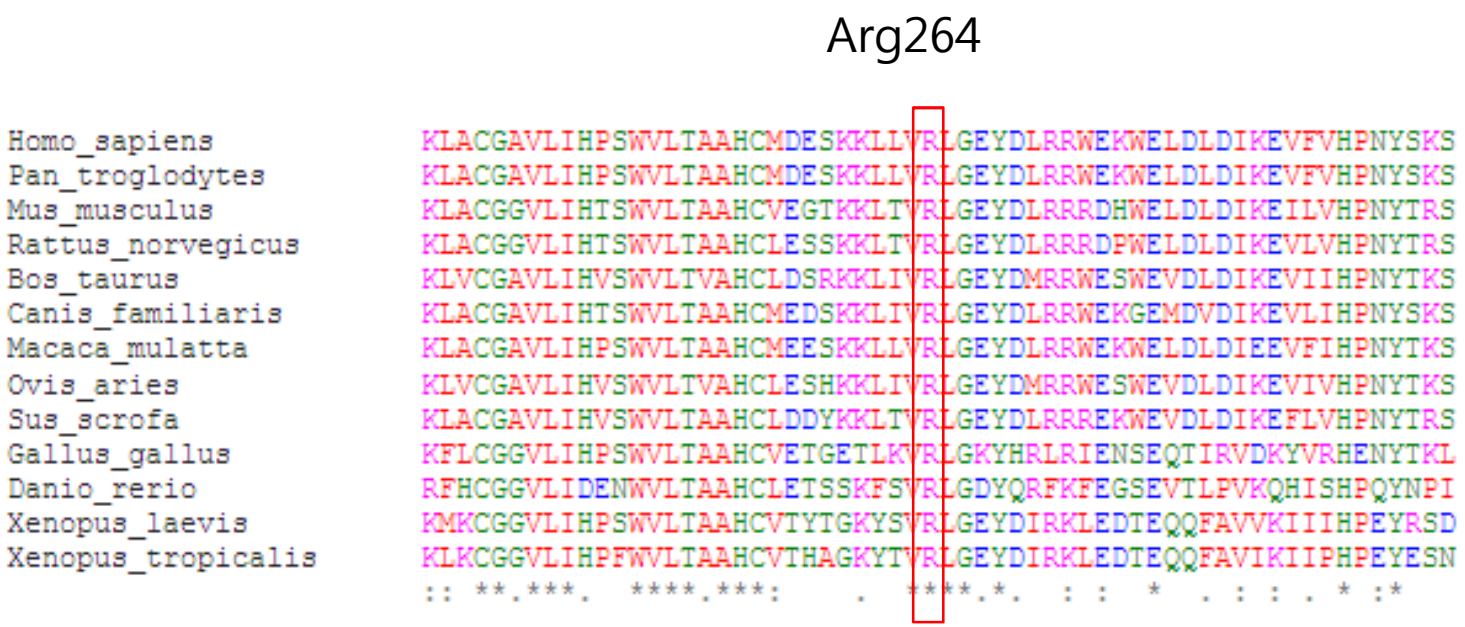
[1]Department of Laboratory Medicine & Genetics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul; [2]Cardiac & Vascular Center, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul; [3]Samsung Biomedical Research Institute, Samsung Medical Center, Seoul; [4]Division of Hematology-Oncology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul; [5]Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul; and [6]Division of Cardiology, Cardiac & Vascular Center, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

 doi:10.3324/haematol.2013.092023
Manuscript received on May 24, 2013. Manuscript accepted on October 18, 2013.
Correspondence: heejinkim@skku.edu / dkkim@skku.edu

Supplementary Figures

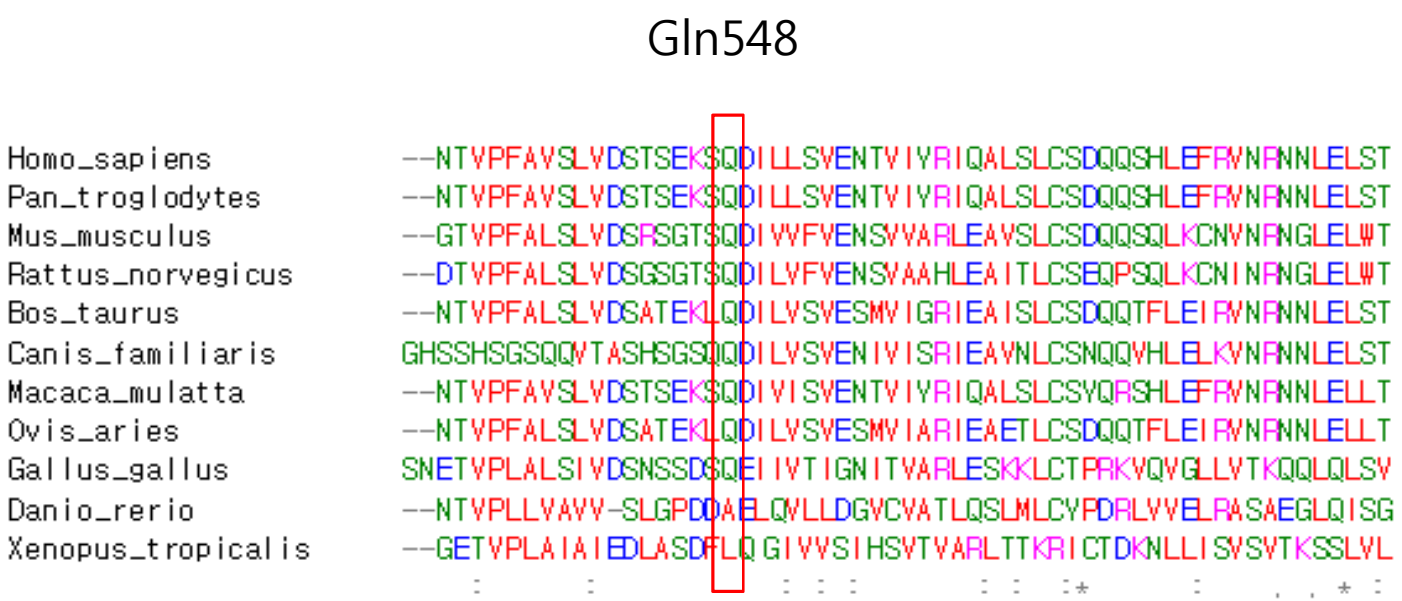
The comparative genomic analyses to assess the degree of conservation of the mutated residues in novel missense mutations in the *PROC*, *PROS1*, and *SERPINC1* genes identified in this study.

PROC: c.790A>G (p.Arg264Gly)

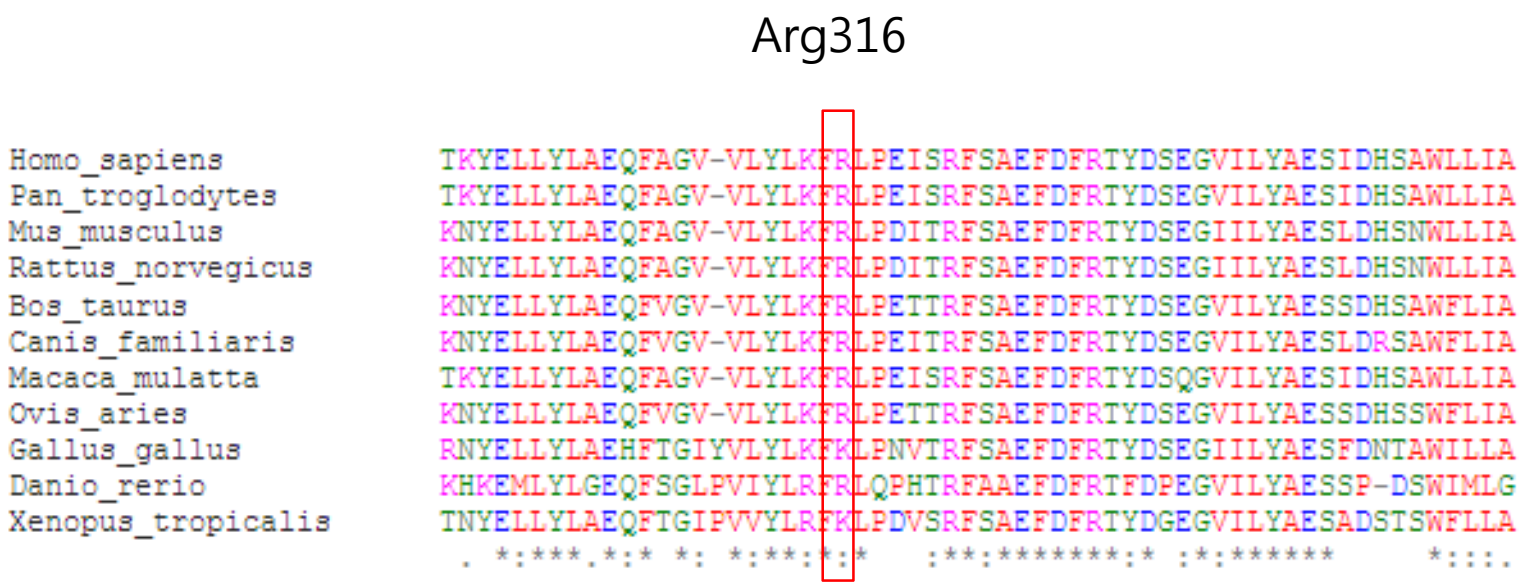


PROC: c.796G>C (p.Gly266Arg)

PROS1: c.1644G>C (p.Gln548His)

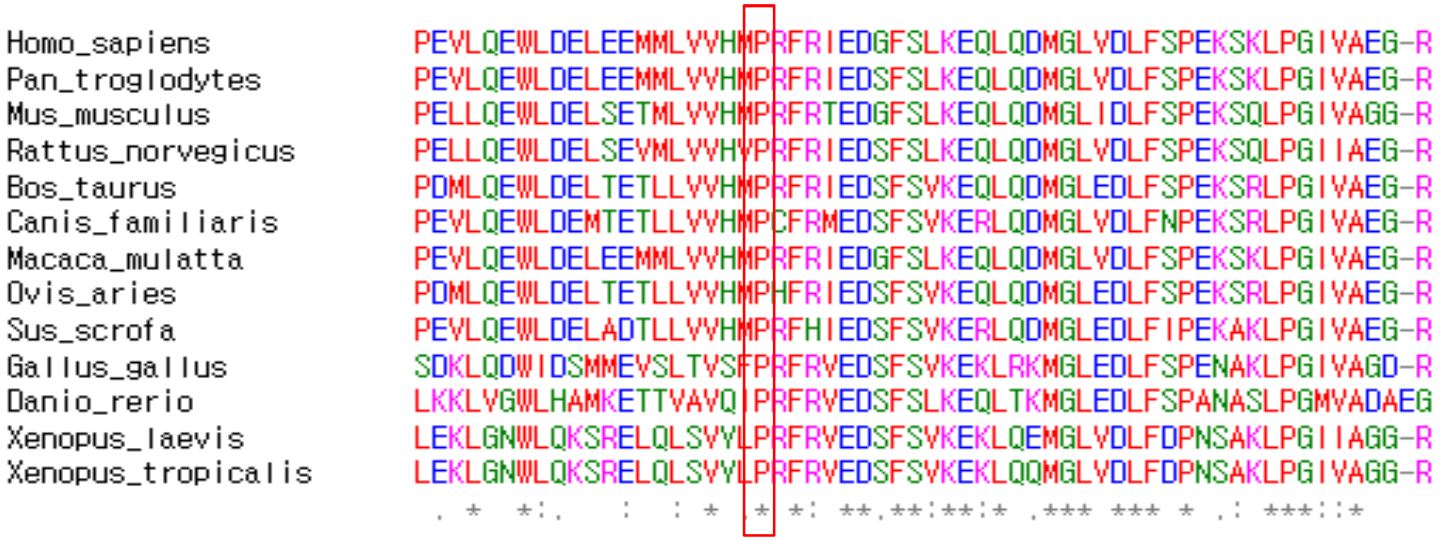


PROS1: c.947G>A (p.Arg316His)



PROS1: c.974C>G (p.Ala325Glu)

SERPINC1: c.1057C>G (p.Pro353Ala)



SERPINC1: c.377C>A (p.Ala126Asp)

SERPINC1: c.851T>G (p.Met284Arg)