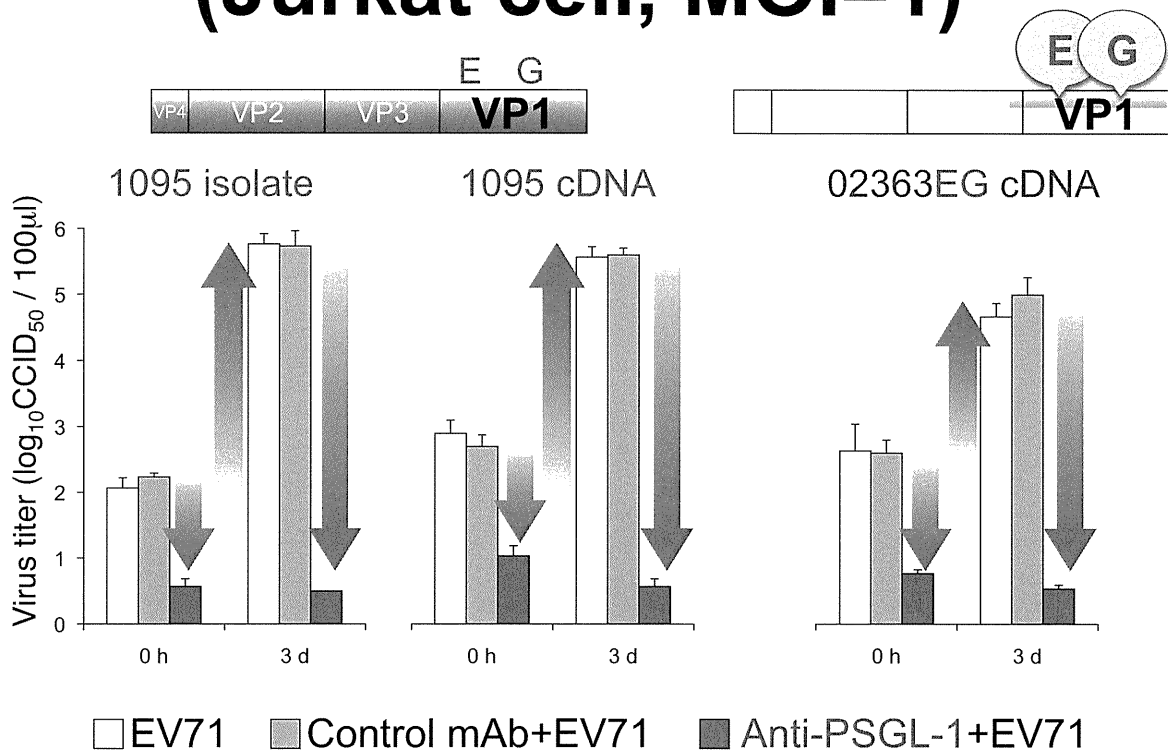
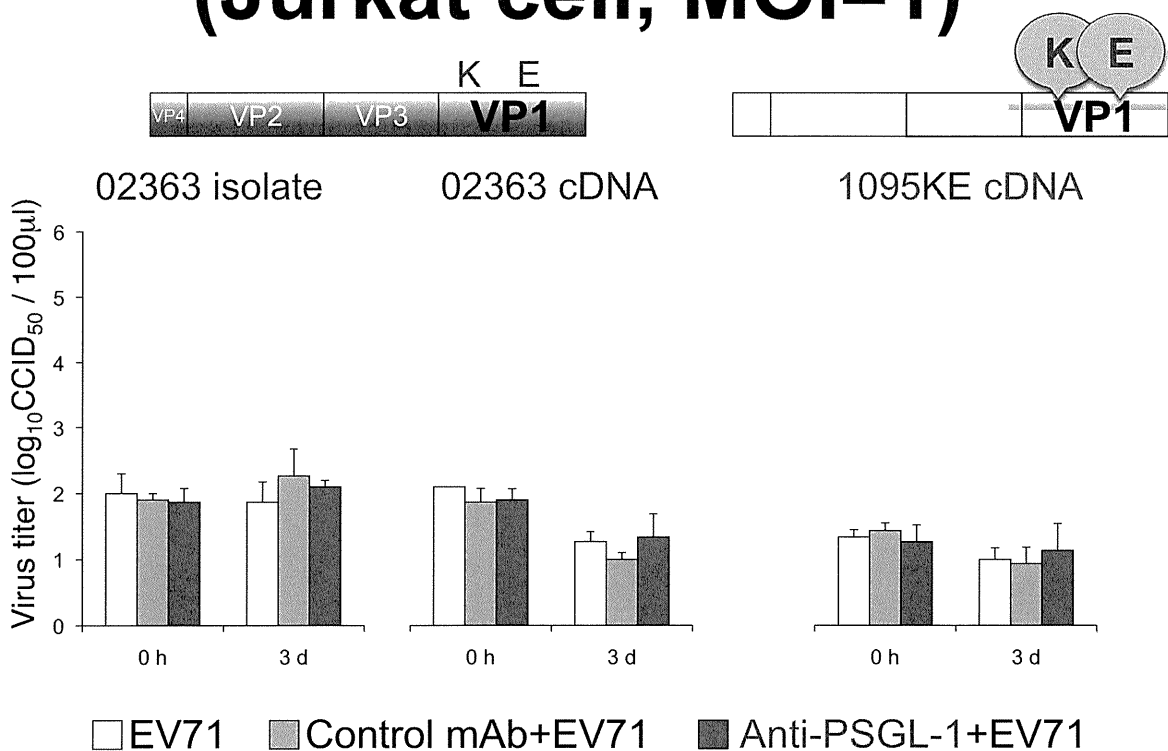


PSGL-1-dependent replication (Jurkat cell, MOI=1)



PSGL-1-dependent replication (Jurkat cell, MOI=1)



Summary

VP1		
	98	145
PB	E	G
Non-PB	K	E

Discussion



- VP1-98 and 145

determine the PSGL-1-binding phenotypes
may be located on the virion surface

Shi et al. Virologica Sinica (2009), Ranganathan et al., Appl Bioinformatics (2002)

are under positive selection pressure

Shi et al., Virologica Sinica (2009), Chen et al., Virology (2010), Tee et al., J Virol (2010)

- VP1-G145E mutation is essential to increase virulence
in mice

Arita et al., J Virol (2008), Chua et al., J Gen Virol (2008)

Acknowledgements

For providing viruses:

M. Sinniah, M. Yusof (Institute for Medical Research, Malaysia)

N. Onnimala, Y. Pongsuwanna (National Institute of Health, Thailand)

Y. Okuno (Osaka Prefectural Institute of Public Health, Japan)

K. Mizuta (Yamagata Prefectural Institute of Public Health, Japan)