



HOKKAIDO UNIVERSITY

Title	Equine major histocompatibility complex class I molecules act as entry receptors that bind to equine herpesvirus-1 glycoprotein D.
Author(s)	Sasaki, Michihito; Hasebe, Rie; Makino, Yoshinori et al.
Citation	Genes to Cells, 16(4), 343-357 https://doi.org/10.1111/j.1365-2443.2011.01491.x
Issue Date	2011-04
Doc URL	https://hdl.handle.net/2115/59847
Rights(URL)	https://creativecommons.org/licenses/by-nc-sa/4.0/
Type	journal article
File Information	GTC_1491_sm_TableS1.pdf



Table S1 Cellular entry pathways of EHV-1

Cell types	Species	Entry pathways	Receptor molecules	References
Equine aortic endothelial cells	Horse	Direct fusion	Unclear	Van de Walle et al. (2009)
Equine brain microvascular endothelial cells	Horse	Endocytosis	MHC class I	Hasebe et al. (2006), Hasebe et al. (2009), Current study
Equine peripheral blood mononuclear cells	Horse	Endocytosis	MHC class I and Integrin	Van de Walle et al. (2009), Current study
E. Derm cells	Horse	Direct fusion and Endocytosis	MHC class I	Frampton et al. (2007), Hasebe et al. (2009), Current study
CHO-K1 cells	Hamster	Endocytosis	Integrin	Frampton et al. (2007), Van de Walle et al. (2009)
RK13 cells	Rabbit	Direct fusion	Unclear	Frampton et al. (2007)