Genome Research 12: 527–530 (2002)

Functional Diversity of Mx Proteins: Variations on a Theme of Host Resistance to Infection

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In the reproduction of Table 1. Intracellular Localization and Antiviral Spectrum for Selected MX Proteins, the first column (Species) was truncated. The corrected table has been reprinted in its entirety here.

Table 1. Intracellular Localization and Antiviral Spectrum for Selected Mx Proteins

Species	Gene	Accession no.	Size (aa)	Intracellular localization	Antiviral specificity	
					Virus	Family
Human	*MxA*	P20591	661	Cytoplasm	Influenza virus, Thogoto virus	*Orthomyxoviridae*[1]
					Vesicular stomatitis virus	*Rhabdoviridae*[2]
					Measles virus	*Paramyxoviridae*[3]
					Hantaan virus	*Bunyaviridae*[4]
					Coxsackievirus B4	*Picornaviridae*[5]
					Semliki Forest virus	*Togaviridae*[6]
	MxB	P20592	715	Nucleus and cytoplasm	Inactive	
Mouse	*Mx1*	P09922	631	Nucleus	Influenza virus, Thogoto virus, Dhori virus	*Orthomyxoviridae*[1]
	Mx2	NP_38634	655	Cytoplasm	Vesicular stomatitis virus	*Rhabdoviridae*[2]
					Hantaan virus	*Bunyaviridae*[4]
Rat	*Mx1*	P18588	652	Nucleus	Influenza virus, Thogoto virus	*Orthomyxoviridae*[1]
	Mx2	P18589	659	Cytoplasm	Vesicular stomatitis virus	*Rhabdoviridae*[2]
					LaCrosse virus, Rift Valley fever virus	*Bunyaviridae*[4]
	Mx3	P18590	659	Cytoplasm	Inactive	
Chicken	*Mx*	Q92597	705	Cytoplasm	Influenza virus	*Orthomyxoviridae*[1]
					Vesicular stomatitis virus	*Rhabdoviridae*[2]
Duck	*Mx*	P33238	721	Nucleus and cytoplasm	Inactive	

[1,4]Enveloped, negative-sense segmented RNA virus
[2,3]Enveloped, negative-sense non-segmented RNA virus
[5]Naked, positive-sense non-segmented RNA virus
[6]Enveloped, positive-sense, non-segmented RNA virus

We apologize for any confusion this may have caused.

12:1012 ©2002 by Cold Spring Harbor Laboratory Press ISSN 1088-9051/01 $5.00; www.genome.org