

Two Novel Relative Double-Stranded RNA Mycoviruses Infecting *Fusarium poae* Strain SX63

Luan Wang, Jingze Zhang, Hailong Zhang, Dewen Qiu and Lihua Guo *

Table S1. Amino acid sequence identity (%) of the polypeptide P1 encoded by the members in the proposed family *Fusagraviridae*.

	FpV2	FpV3	SsNsV-L	BcRV1	FgV3	FvV1	FvV2	MpRV2
FpV2	100	24.27	23.92	24.04	24.69	21.02	21.33	24.84
FpV3		100	46.36	47.29	41.08	22.95	20.99	27.87
SsNsV-L			100	76.98	42.96	24.13	21.88	27.04
BcRV1				100	42.58	24.40	22.53	26.65
FgV3					100	22.56	22.69	27.45
FvV1						100	46.13	24.68
FvV2							100	24.08
MpRV2								100

See legend to Figure 4 for abbreviations of the virus names.

Table S2. Amino acid sequence identity (%) of the RNA-dependent RNA polymerase (RdRp) encoded by the members in the proposed family *Fusagraviridae*.

	FpV2	FpV3	SsNsV-L	BcRV1	FgV3	FvV1	FvV2	MpRV2
FpV2	100	29.44	27.79	28.38	28.31	26.67	27.12	27.04
FpV3		100	41.98	42.23	43.00	28.31	29.21	28.51
SsNsV-L			100	71.45	43.20	27.97	26.46	29.02
BcRV1				100	43.27	27.84	28.26	29.39
FgV3					100	28.03	26.86	28.78
FvV1						100	42.38	27.85
FvV2							100	27.77
MpRV2								100

See legend to Figure 4 for abbreviations of the virus names.