



Title	Interregional Coevolution Analysis Revealing Functional and Structural Interrelatedness between Different Genomic Regions in Human Mastadenovirus D
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Supplementary Table 2. Pairs of significantly partially correlated coding regions¹

Protein 1	Windows	Protein 2	Windows
12/13S	626-1032	19K	1649-2249
12/13S	626-832	55K	2249-3452
12/13S	832-1032	55K	2249-3249
12/13S	1243-1443	IX	3655-3861
12/13S	626-1032	IVa2	4068-4268
12/13S	626-1032	gp19K	27260-27464
12/13S	626-1032	CR1B	27464-28640
12/13S	626-1032	34K	33021-33221
19K	1649-1849	55K	2249-3452
19K	1849-2049	55K	2449-3452
19K	2049-2249	55K	2649-3452
19K	1649-1849	IVa2	4268-4468
19K	1849-2049	IVa2	4268-4668
19K	2049-2249	IVa2	4268-4468
19K	1649-2049	gp19K	27260-27464
19K	1649-2049	CR1B	27464-28460
19K	2049-2249	CR1B	27464-28698
19K	1849-2049	Fiber	31141-31374
55K	2249-2449	IVa2	4268-4668
55K	2649-3049	IVa2	4268-4468
55K	3049-3452	IVa2	4268-4668
55K	2249-2449	gp19K	27260-27464
55K	2249-2449	CR1B	27464-28460
55K	2449-2649	CR1B	27882-28460
55K	2649-3049	CR1B	27882-28460
IVa2	4068-4268	DNA pol	8068-8268
IVa2	4668-4868	DNA pol	7868-8068
DNA pol	5268-5468	pTP	10086-10287
DNA pol	5668-5868	pTP	9074-9283
DNA pol	6868-7068	pTP	8474-8874
DNA pol	7068-7268	pTP	8674-8874
DNA pol	7668-8068	pTP	8674-8874
DNA pol	7668-7868	IIIa	12798-12998
DNA pol	8068-8268	VII	15597-15804
DNA pol	7868-8068	X	16838-17038
DNA pol	6868-7068	VI	17238-17443
DNA pol	8268-8474	VI	17643-17853
DNA pol	6268-6468	DBP	21570-21770
DNA pol	5268-5468	100K	23206-23406
DNA pol	6868-7268	22K	25021-25224
DNA pol	6868-7068	VIII	25848-26048
pTP	9074-9483	52/55K	10783-10983
pTP	9483-9686	Penton base	14927-15128
pTP	8674-8874	V	16638-16838
pTP	8674-8874	X	16838-17038
pTP	8674-9283	VI	17238-17443
pTP	10086-10287	Hexon	19765-19965
pTP	8674-8874	Protease	20765-20965
pTP	8674-8874	100K	24818-25021
pTP	9283-9483	100K	24406-24606
pTP	9283-9483	100K	24818-25021
pTP	9483-9686	100K	23206-23406
pTP	9483-9686	100K	24818-25021
pTP	10086-10287	100K	23206-23406
pTP	10086-10287	100K	24818-25021
pTP	8474-8874	22K	25021-25224
pTP	9283-9686	22K	25021-25224

pTP	10086-10287	22K	25021-25224
pTP	8874-9074	VIII	25848-26048
VAI	10287-10489	V	16638-16838
VAII	10489-10783	V	16638-16838
52/55K	10983-11383	IIIa	13410-13619
52/55K	10783-10983	100K	24406-24606
52/55K	10983-11383	100K	23206-23406
52/55K	10983-11383	100K	24818-25021
52/55K	11383-11798	100K	23206-23406
52/55K	10983-11183	22K	25021-25224
IIIa	11798-11998	Penton base	14927-15128
IIIa	12998-13410	V	16638-16838
IIIa	11798-11998	Protease	20965-21165
IIIa	11798-12198	100K	23206-23406
Penton base	14927-15128	Protease	20765-21165
Penton base	14927-15128	100K	23206-23406
Penton base	14927-15128	100K	24818-25021
VII	15128-15334	Protease	20765-21165
VII	15128-15334	100K	23206-23406
V	16638-16838	VI	17238-17443
V	16638-16838	Protease	20765-20965
V	16638-16838	22K	25021-25224
X	16838-17038	Protease	20765-20965
X	16838-17038	22K	25021-25224
VI	17038-17238	Hexon	19565-19765
VI	17238-17643	Protease	20765-20965
VI	17643-17853	RID α	29668-29888
Hexon	19565-19765	100K	24818-25021
Hexon	19565-19965	22K	25021-25224
Hexon	18053-18284	CR1 α	26857-27060
Hexon	18739-18939	RID α	29668-29888
Hexon	18739-19165	RID β	29888-30101
Protease	20765-20965	100K	24606-24818
Protease	20765-20965	22K	25021-25224
DBP	21570-21770	100K	23806-24206
DBP	21770-21970	100K	23806-24006
DBP	22170-22370	100K	22784-23206
DBP	22170-22784	100K	23606-24006
12.5K	26248-26448	CR1 α	26857-27060
12.5K	26248-26654	gp19K	27060-27464
12.5K	26248-26448	CR1 β	27464-28460
12.5K	26448-26654	CR1 β	27464-28698
12.5K	26248-26654	CR1 γ	28698-28933
12.5K	26248-26654	Fiber	31374-31589
CR1 α	26654-26857	gp19K	27260-28698
CR1 α	26857-27060	CR1 β	27464-28698
CR1 α	26654-27060	CR1 γ	28698-28933
gp19K	27260-27464	CR1 β	27882-28698
gp19K	27260-27464	CR1 γ	28698-29265
gp19K	27060-27260	Fiber	30931-31141
gp19K	27260-27464	Fiber	30931-32021
gp19K	27260-27464	orf2	34025-34225
CR1 β	27464-28094	CR1 γ	28698-29265
CR1 β	28094-28460	CR1 γ	28933-29265
CR1 β	27464-28460	Fiber	30931-32021
CR1 β	28460-28698	Fiber	31141-31804
CR1 β	27464-28460	orf2	34025-34225
CR1 γ	28933-29265	RID α	29668-29888
CR1 γ	28698-28933	Fiber	31141-31804

CR1γ	28933-29265	Fiber	31141-31374
14.7K	30304-30504	34K	32221-32421
14.7K	30304-30504	34K	32621-32821
14.7K	30504-30729	34K	32221-33021
14.7K	30504-30729	orf2	34025-34225
14.7K	30304-30729	orf1	34225-34427
Fiber	30931-31141	34K	32221-32821
Fiber	31804-32021	34K	32421-33021
Fiber	31141-31374	orf3	33622-33825
Fiber	30931-31141	orf2	34025-34225
Fiber	31141-31589	orf2	33825-34225
Fiber	31589-32021	orf2	34025-34225
Fiber	30931-31141	orf1	34225-34427
Fiber	31804-32021	orf1	34225-34427
34K	33021-33221	orf3	33622-33825
34K	32221-33021	orf2	34025-34225
34K	33021-33221	orf2	33825-34225
34K	32221-33221	orf1	34225-34427
orf4	33221-33422	orf2	33825-34225
orf3	33422-33622	orf2	34025-34225

¹ Positions relative to HAdV-8 (AB448767)