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10

20

30

40

50

60

70

80

90

100

NruI

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110

120

130

140

150

160

170

180

190

200

210

MluI

SpeI

AseI

pU6 5'-CMV

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pU6 5'-CMV

CMV enhancer

220

230

240

250

260

270

280

290

300

310

320

pU6 5'-CMV

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pU6 5'-CMV

CMV enhancer

330

340

350

360

370

380

390

400

410

420

NdeI

pU6 5'-CMV

cgtcaatgggtggagtatttacggtaaactgccacttggcagttacatcaagtgtatcatatgccaaagtacccccctattgacgtcaatgacggtaaatggccgc
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pU6 5'-CMV

CMV enhancer

430

440

450

460

470

480

490

500

510

520

530

SnaBI

CspCI

pU6 5'-CMV

ctggcattatgccagttacatgacattatgggactttcctacttggcagttacatctacgtatttagtcatgctattaccatggtgatgcggttttggcagttacatca
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pU6 5'-CMV

CMV enhancer

CMV promoter

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550

560

570

580

590

600

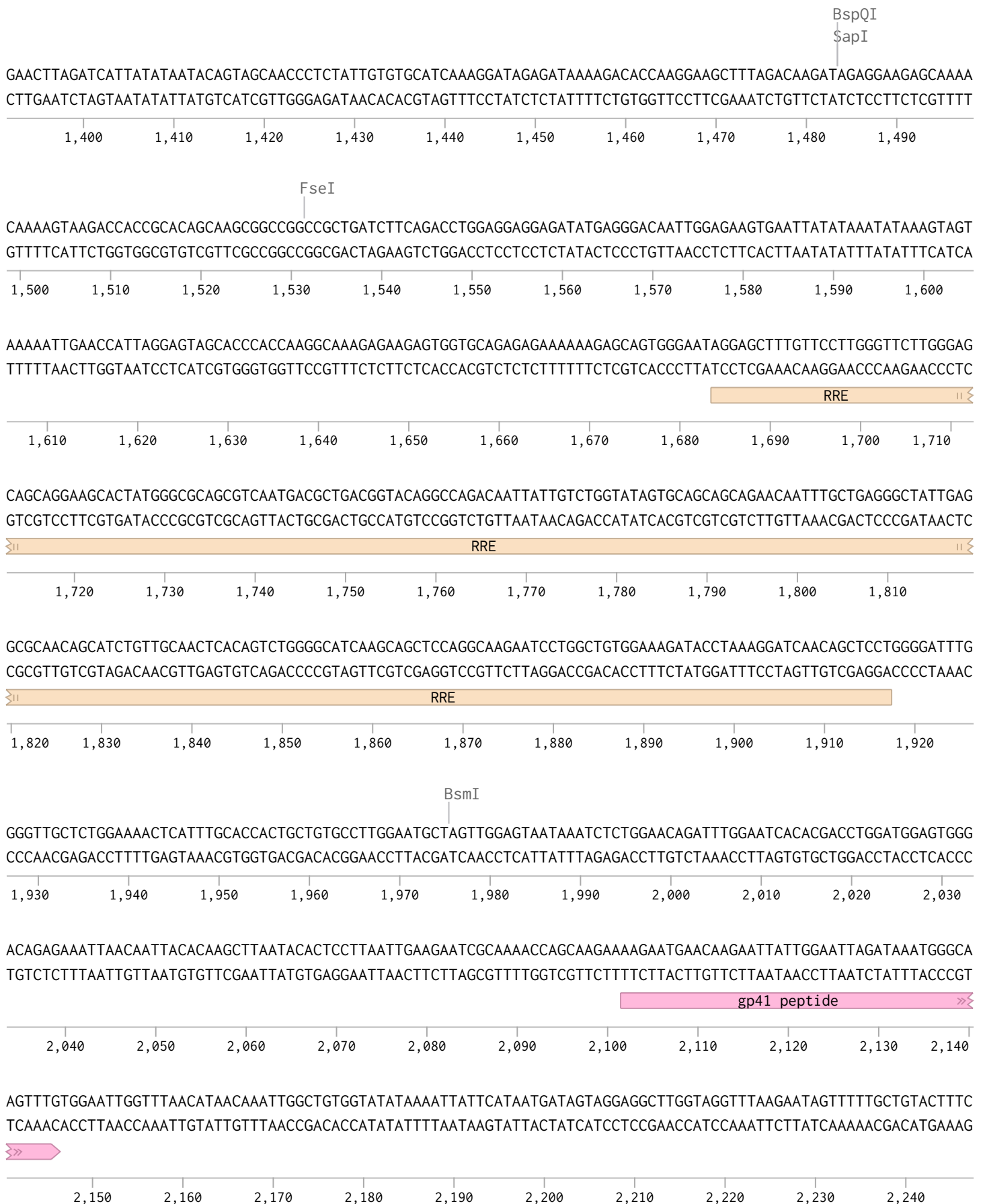
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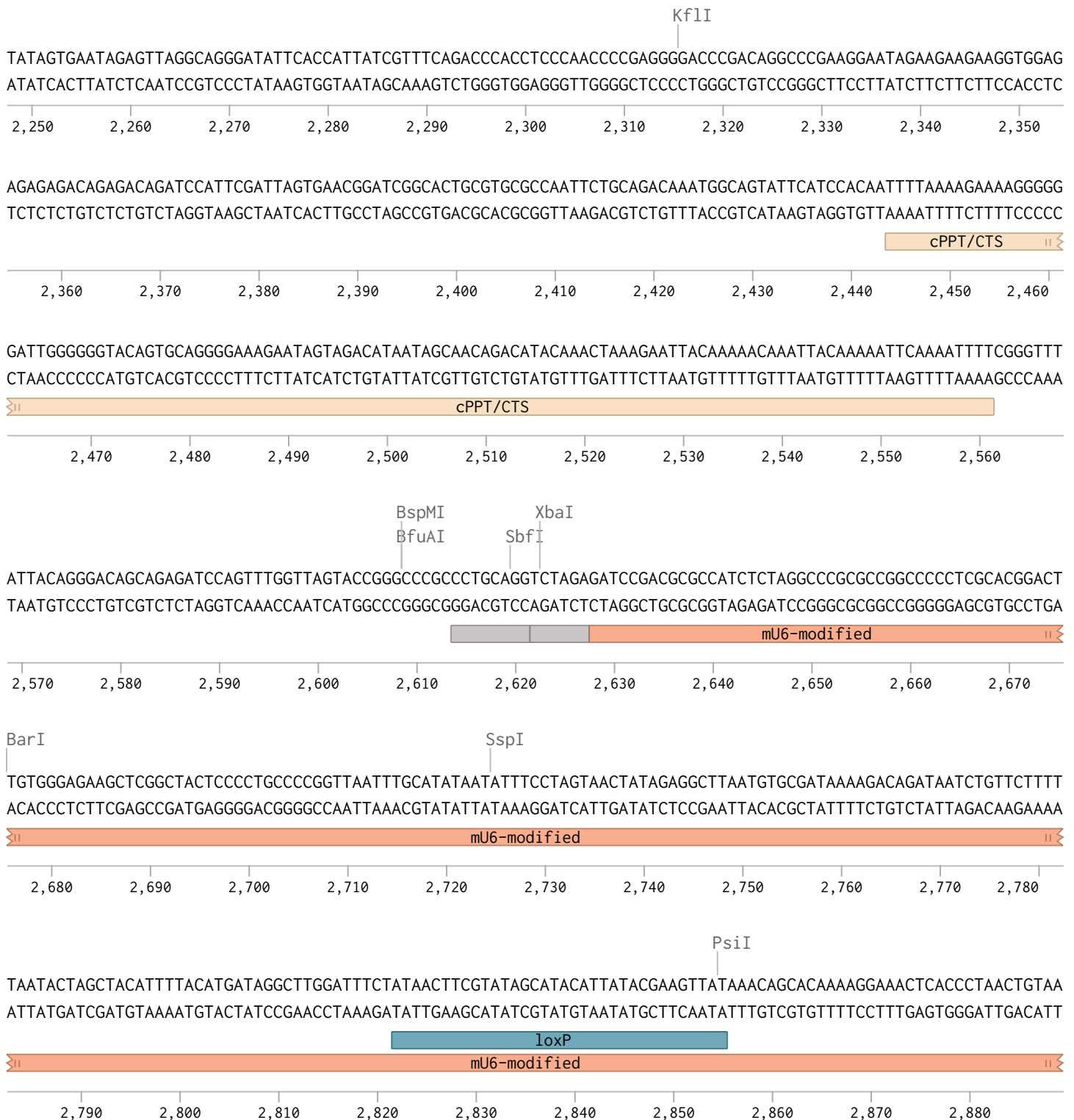
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EF-1 α intron A

4,180 4,190 4,200 4,210 4,220 4,230 4,240 4,250 4,260 4,270 4,280

BspMI
BfuAI

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EF-1 α intron A

4,290 4,300 4,310 4,320 4,330 4,340 4,350 4,360 4,370 4,380

PciI

FseI

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EF-1 α intron A

4,390 4,400 4,410 4,420 4,430 4,440 4,450 4,460 4,470 4,480 4,490

PasI

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EF-1 α intron A

4,500 4,510 4,520 4,530 4,540 4,550 4,560 4,570 4,580 4,590 4,600

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EF-1 α intron A

4,610 4,620 4,630 4,640 4,650 4,660 4,670 4,680 4,690 4,700

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EF-1 α intron A

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EF-1 α intron A

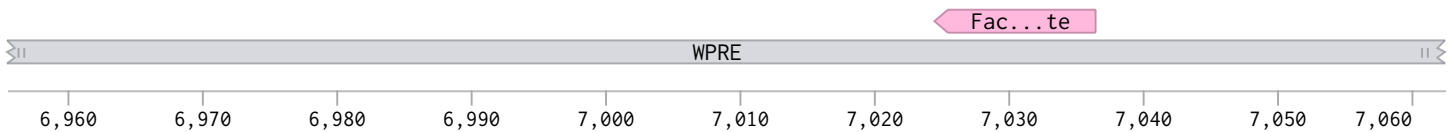
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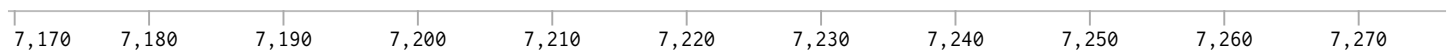
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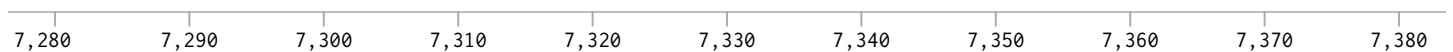
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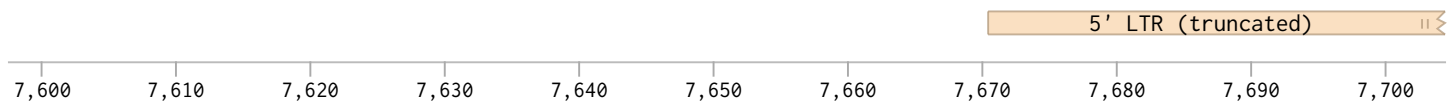
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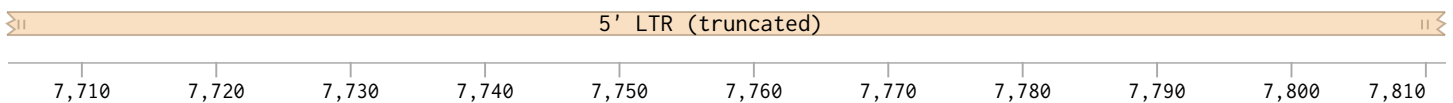
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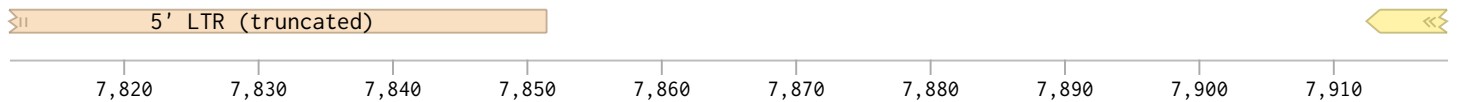
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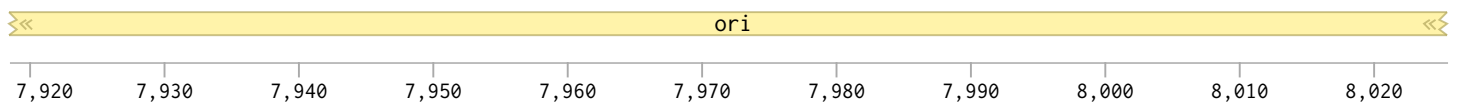


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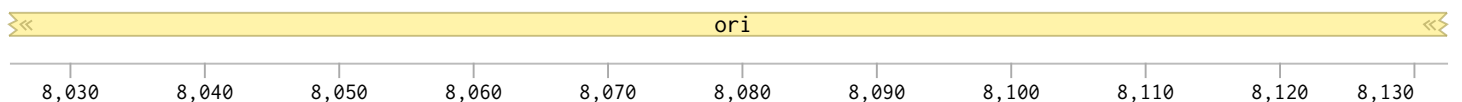


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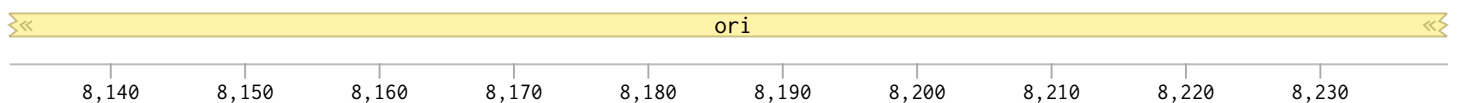
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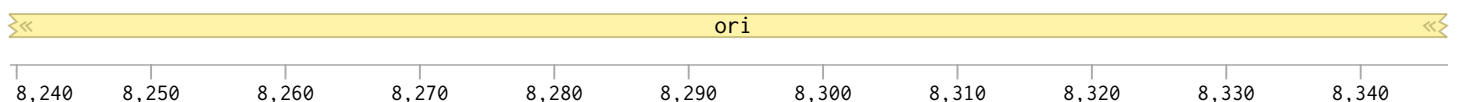
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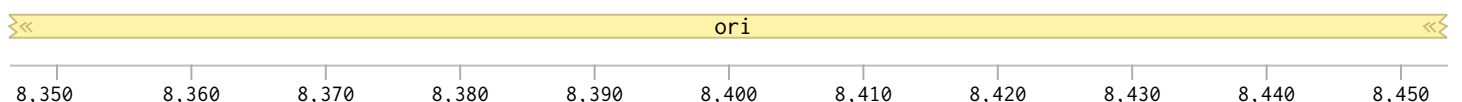
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BspHI

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