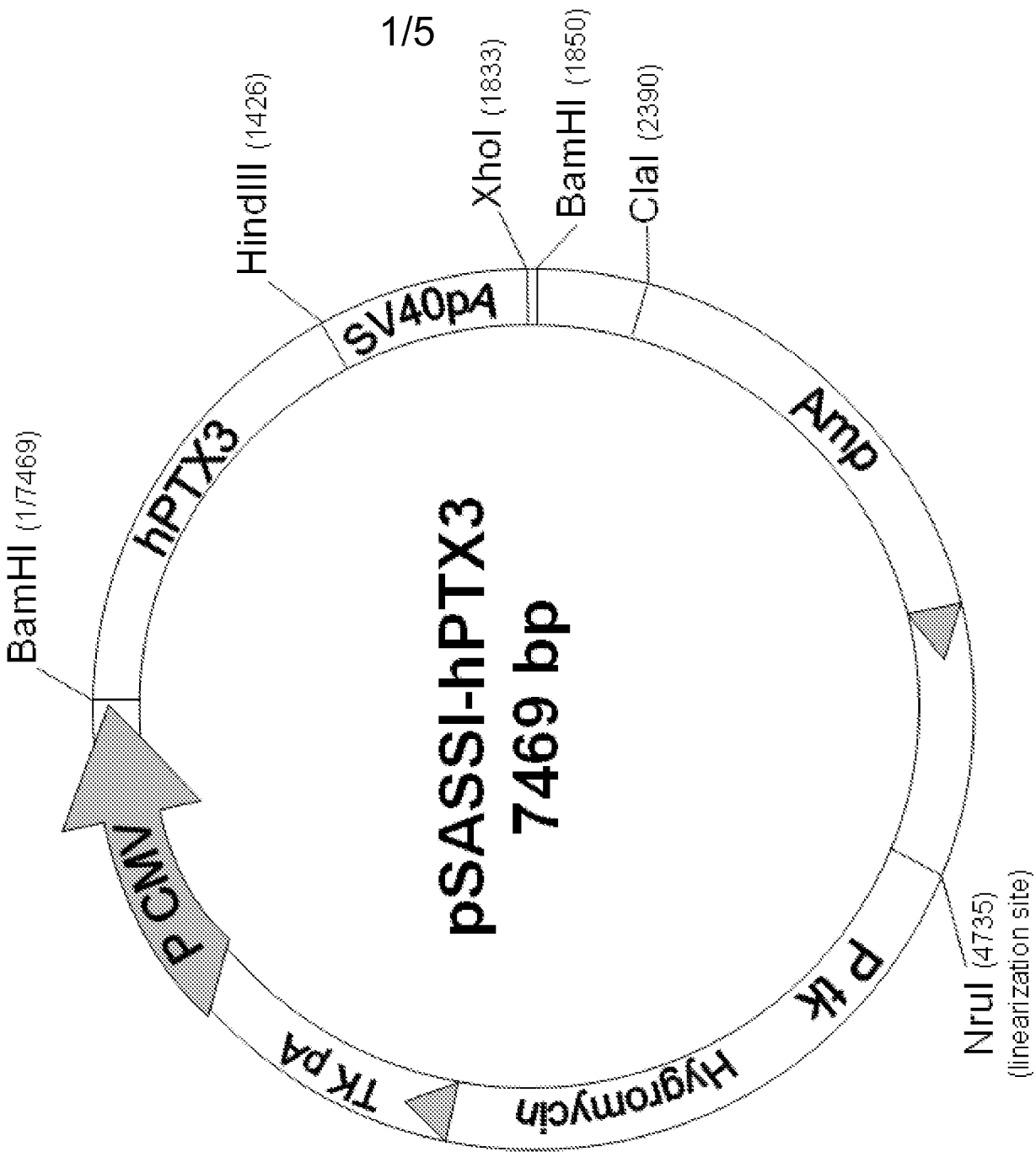
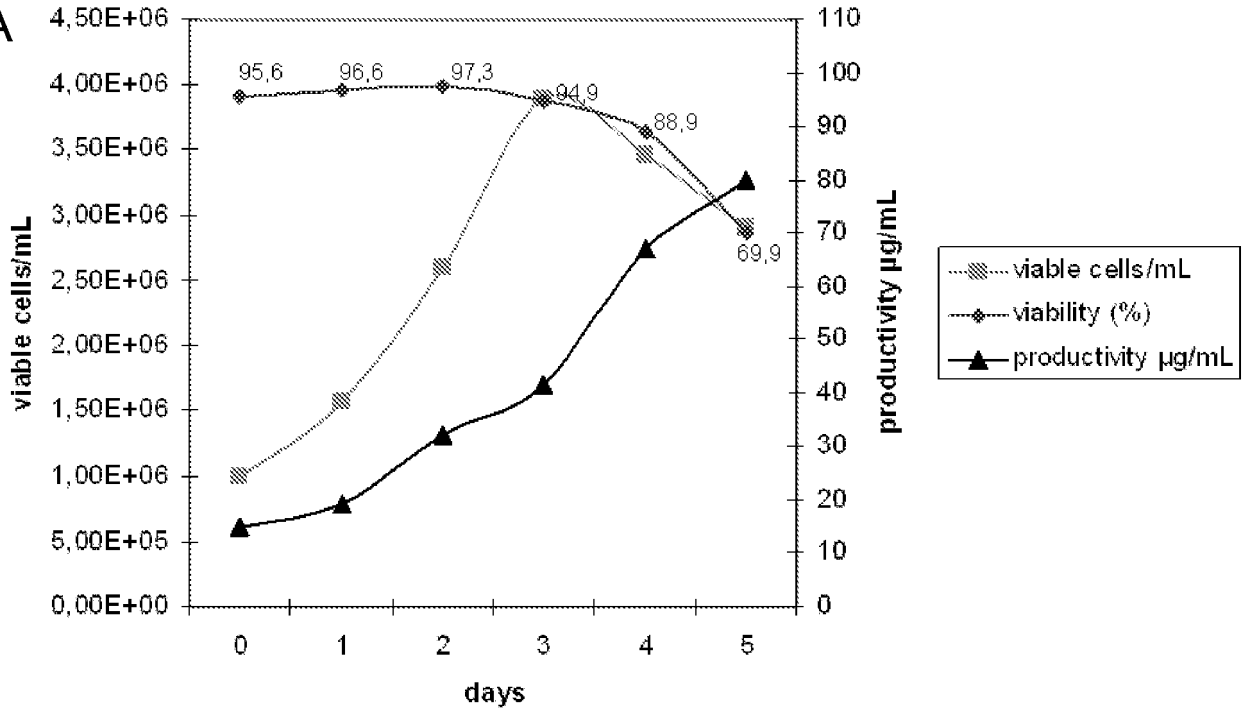


Features	Nucleotide position
hPTX3 ORF	95-1240
SV40 polyA signal	1426-1833
Ampicillin resistance (Amp)	2390-4278
TK promoter	4785-5027
Hygromycin gene	5028-6079
TK polyA signal	6080-6448
CMV promoter	6610-7469

Fig. 1

A


4,50E+06
4,00E+06
3,50E+06
3,00E+06
2,50E+06
2,00E+06
1,50E+06
1,00E+06
5,00E+05
0,00E+00
viable cells/mL
110
100
90
80
70
60
50
40
30
20
10
0
productivity µg/mL
95,6
96,6
97,3
94,9
88,9
69,9
0
1
2
3
4
5
days
viable cells/mL
viability (%)
productivity µg/mL

B

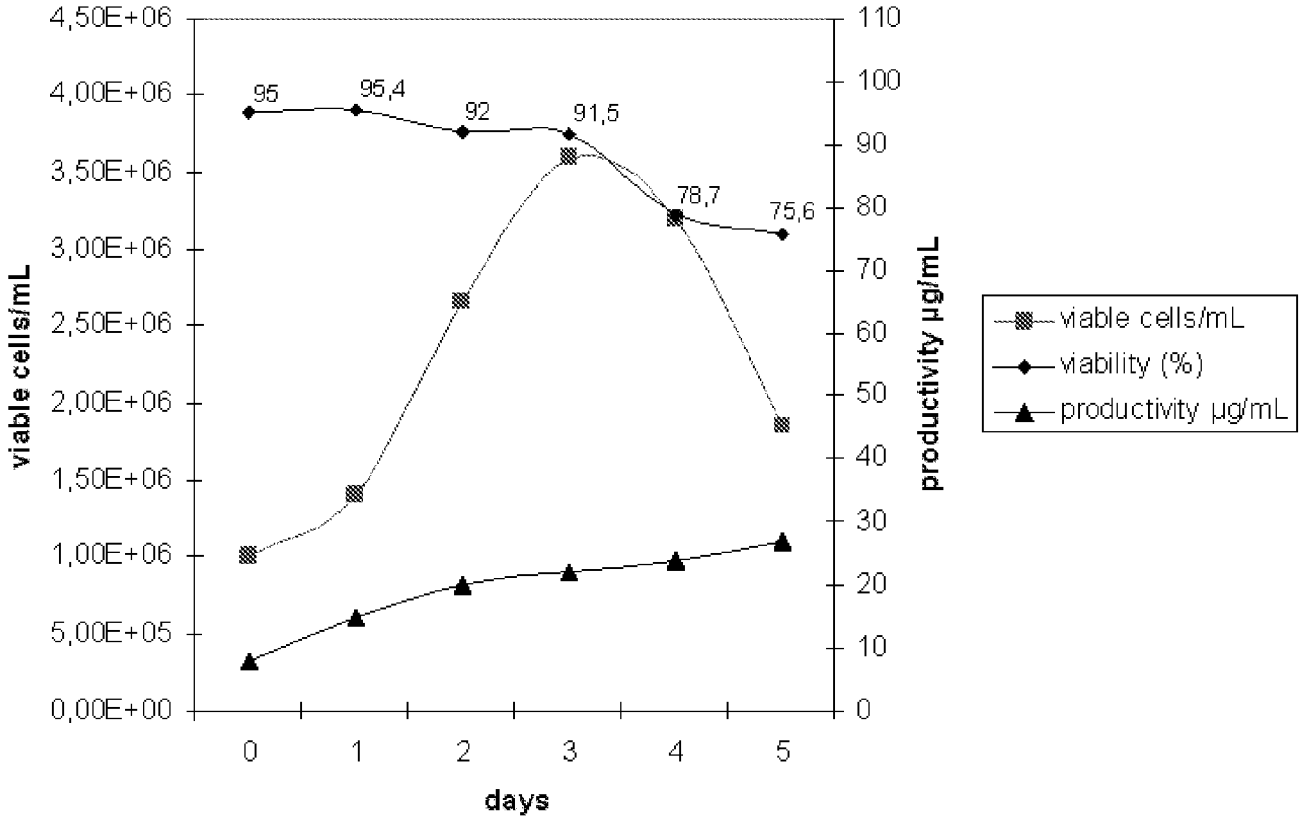

4,50E+06
4,00E+06
3,50E+06
3,00E+06
2,50E+06
2,00E+06
1,50E+06
1,00E+06
5,00E+05
0,00E+00
viable cells/mL
110
100
90
80
70
60
50
40
30
20
10
0
productivity µg/mL
95
95,4
92
91,5
78,7
75,6
0
1
2
3
4
5
days
viable cells/mL
viability (%)
productivity µg/mL

Fig. 2

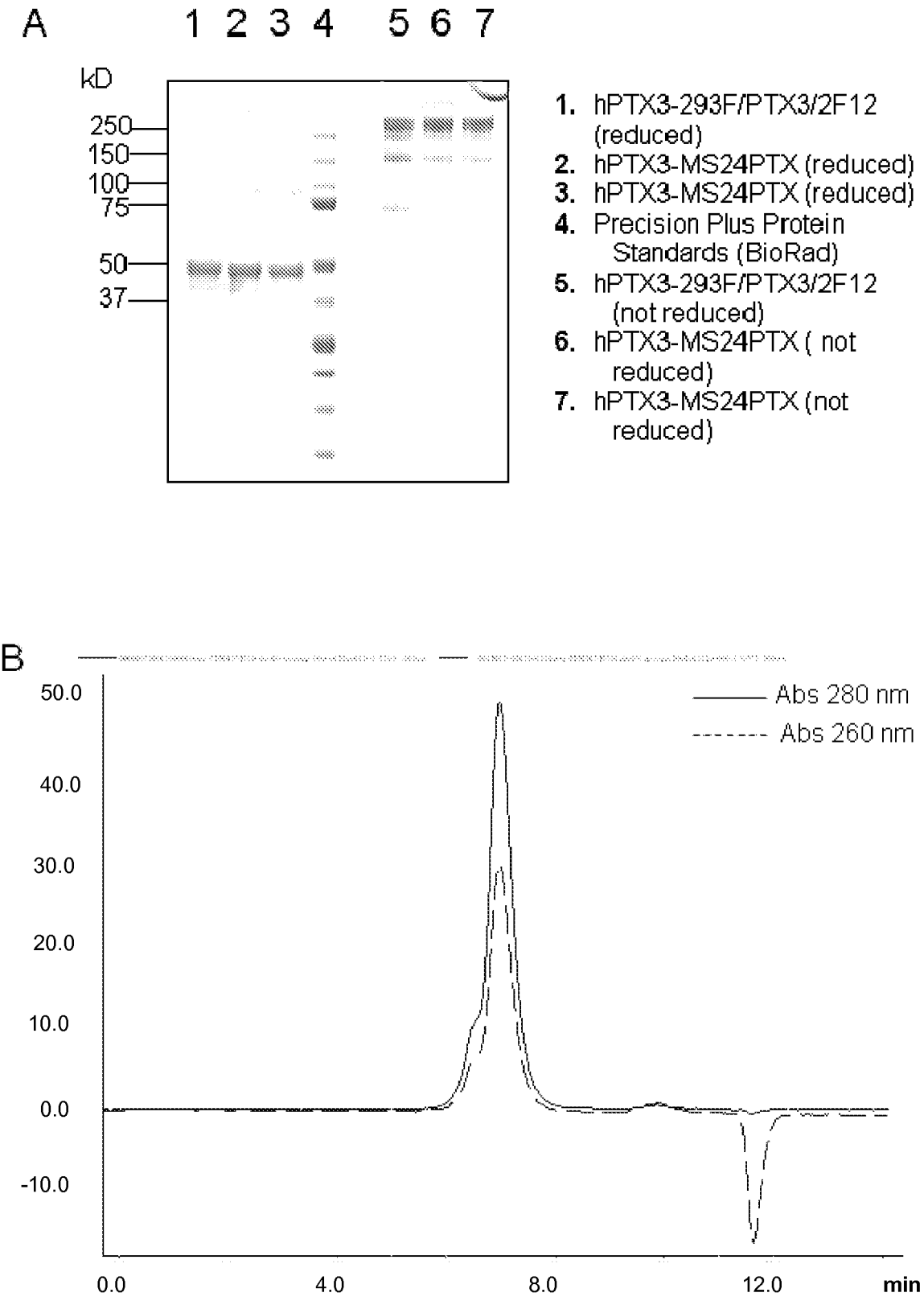

A
1 2 3 4 5 6 7
kD
250
150
100
75
50
37
1. hPTX3-293F/PTX3/2F12 (reduced)
2. hPTX3-MS24PTX (reduced)
3. hPTX3-MS24PTX (reduced)
4. Precision Plus Protein Standards (BioRad)
5. hPTX3-293F/PTX3/2F12 (not reduced)
6. hPTX3-MS24PTX (not reduced)
7. hPTX3-MS24PTX (not reduced)
B
mAU
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
Abs 280 nm
Abs 260 nm
0.0
4.0
8.0
12.0
min

Fig. 3

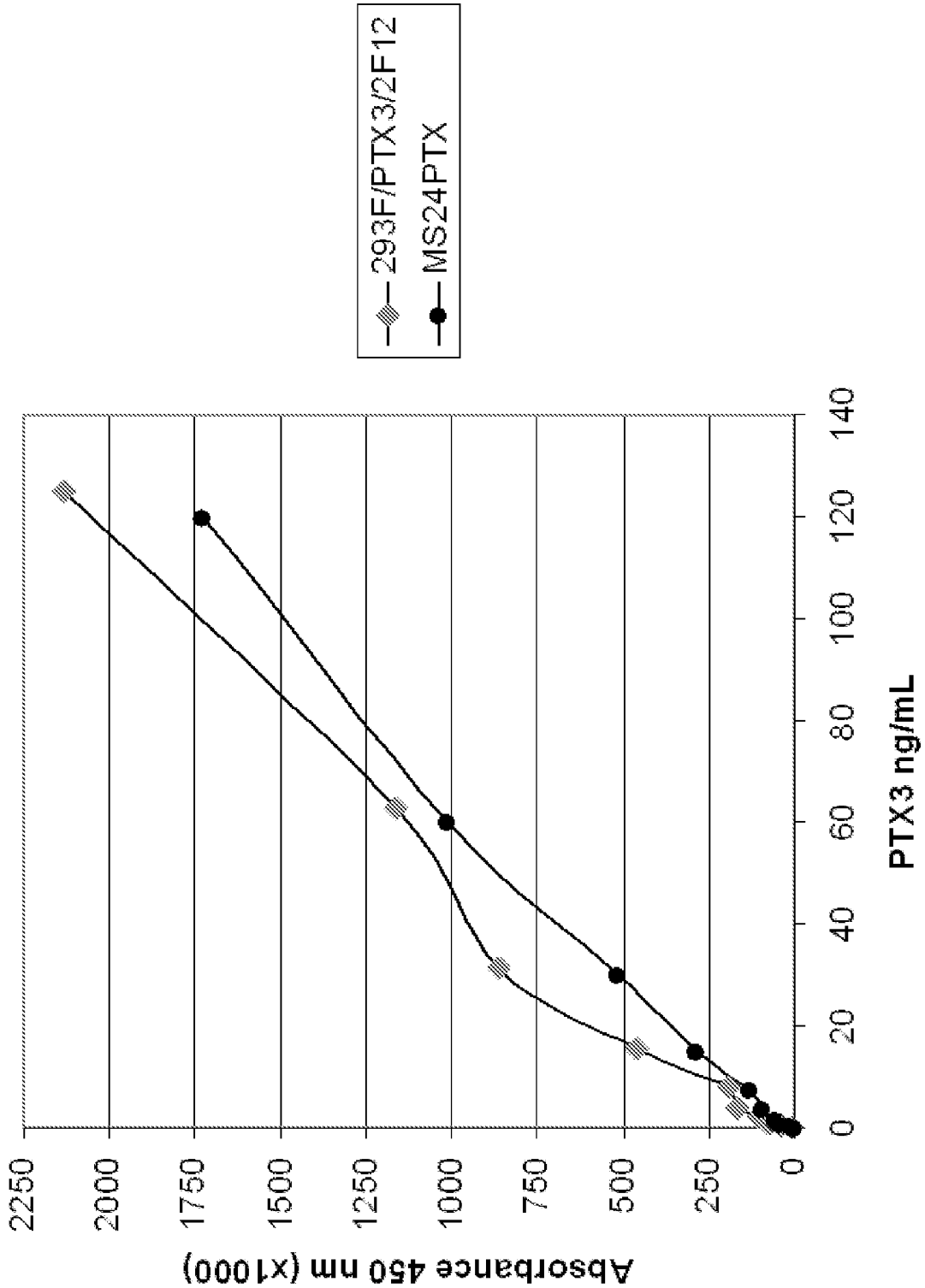
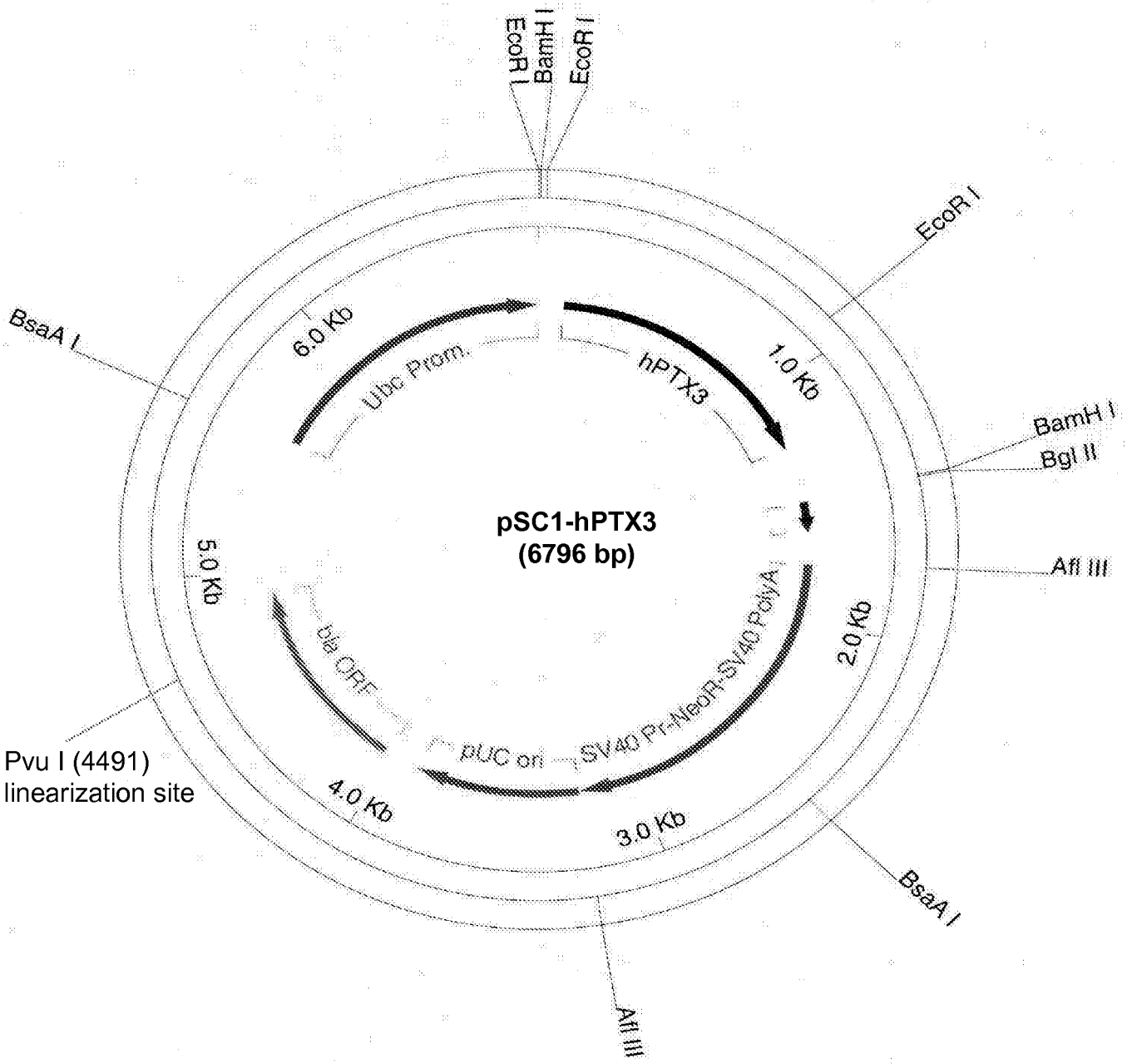

293F/PTX3/2F12
MS24PTX
Absorbance 450 nm (x1000)
2250
2000
1750
1500
1250
1000
750
500
250
0
0
20
40
60
80
100
120
140
PTX3 ng/mL

Fig. 4



Features	Nucleotide position
hPTX3 ORF	100-1245
Bgl II	1475
SV40 polyA signal	1489-1622
SV40 promoter and origin of replication	1765-2090
Neo ORF	2126-2907
SV40 polyA signal	3095-3225
pUC origin of replication	3233-3899
Ampicillin resistance (*bla*) ORF	4051-4908
Human ubiquitin C (*UbC*) promoter	5578-6787

Fig. 5