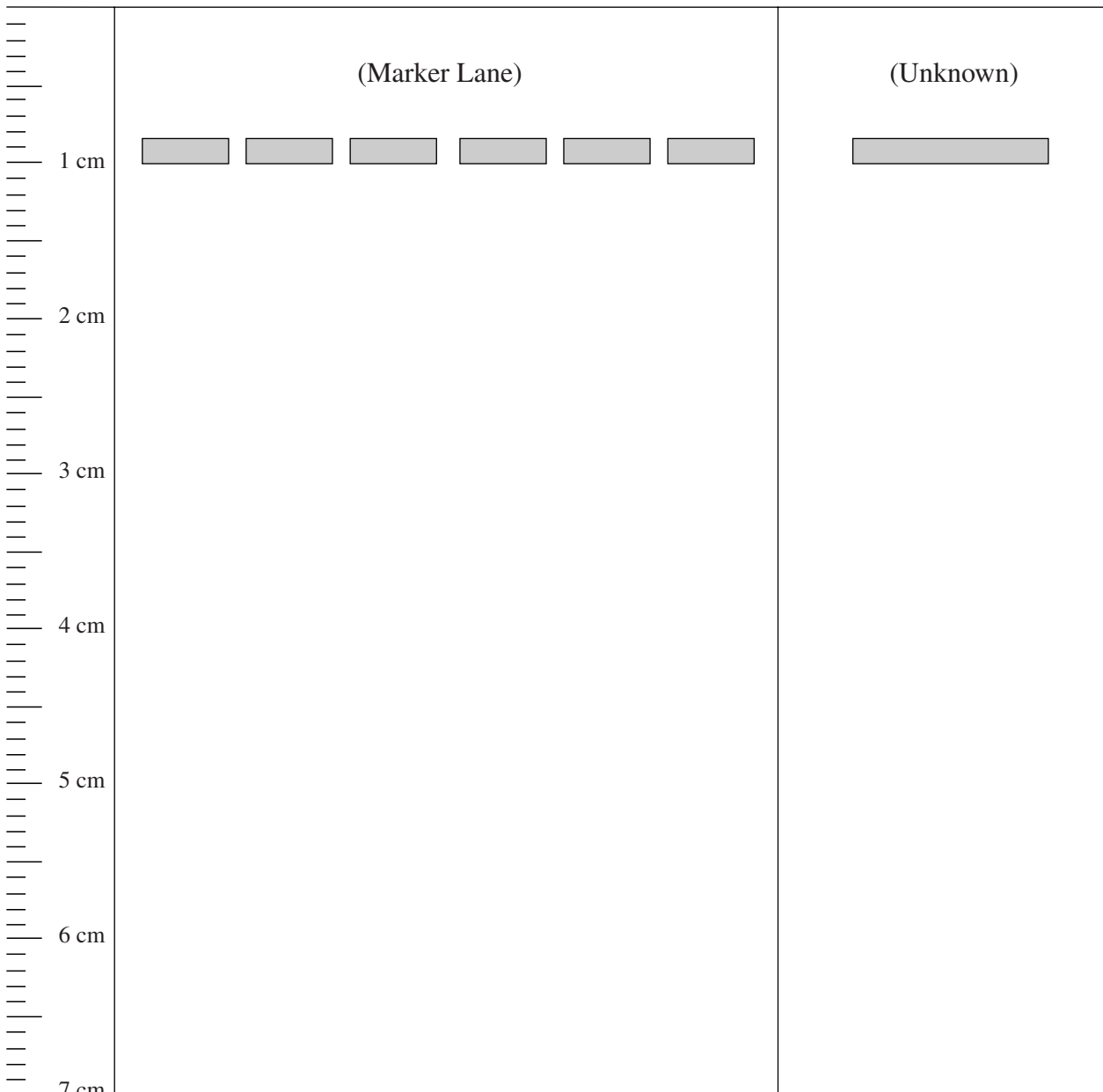


# Paper Gel Electrophoresis Worksheet

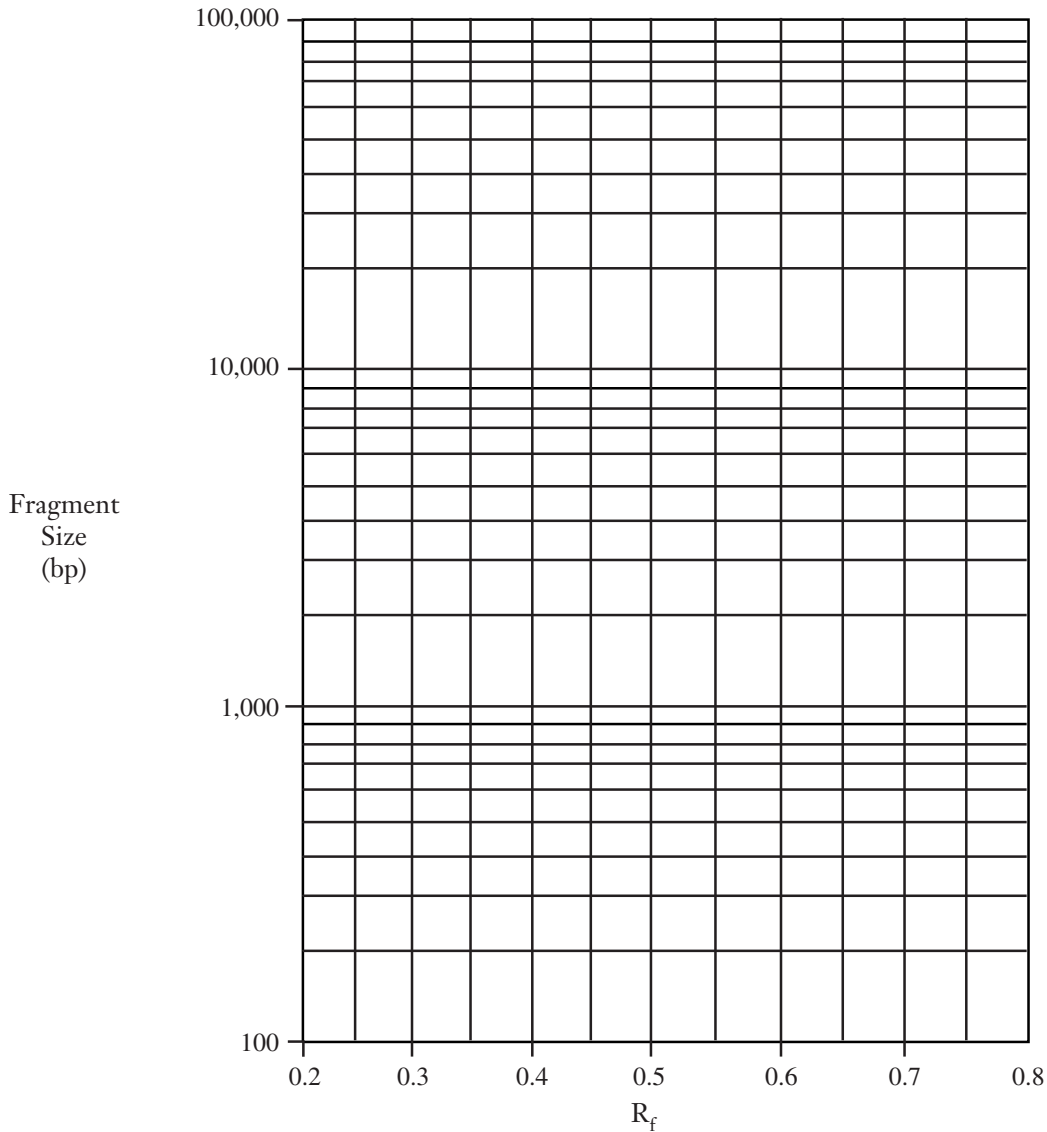
Negative  
Electrode



Positive  
Electrode

# Standard Curve Worksheet I

## Standard Curve Plot for AmmI



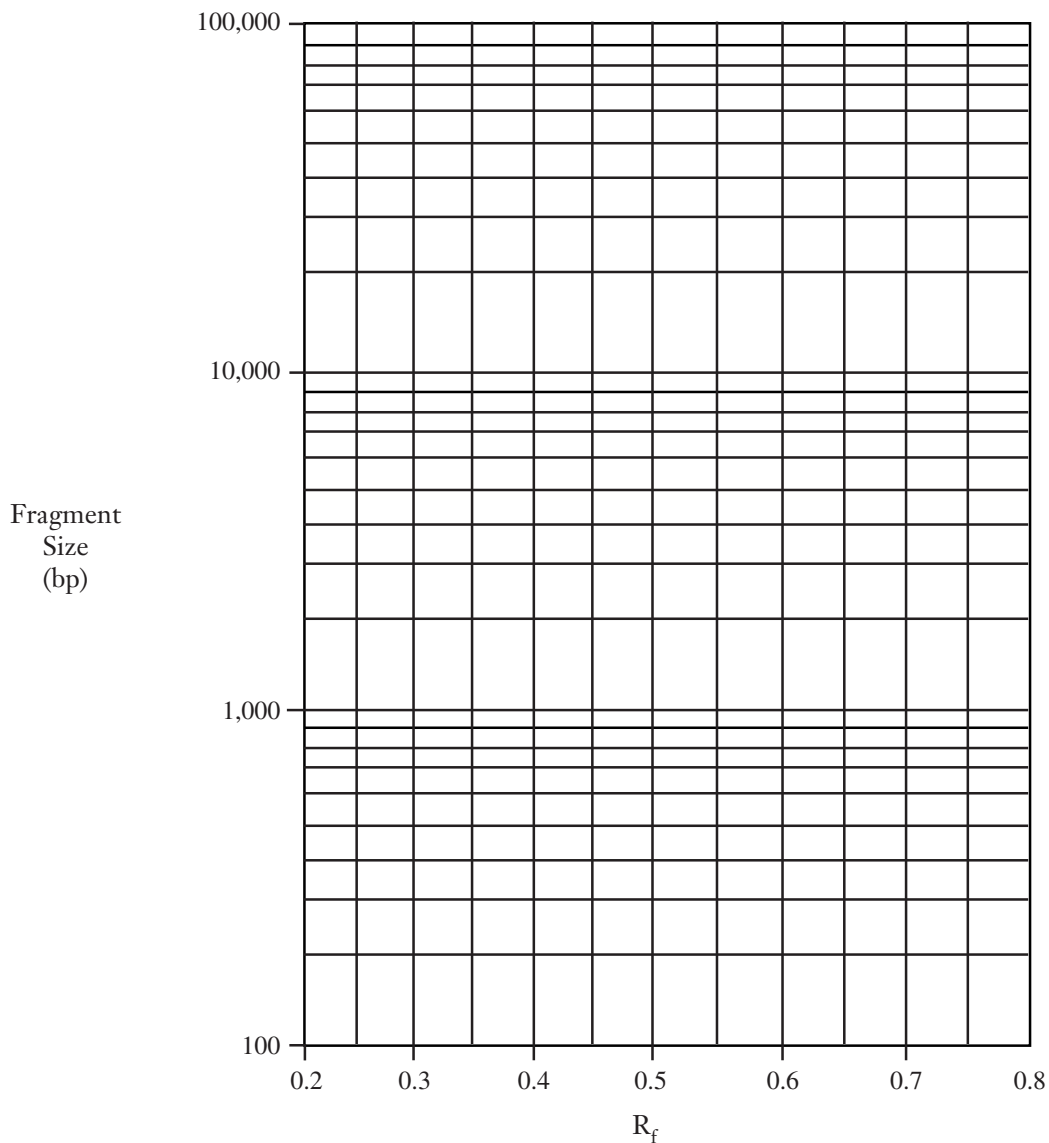
## DNA Marker Chart for AmmI

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	$R_f$	Pop Beads (one color/fragment)
1	4,001	30		4
2	1,800	38		2
3	24,486	16		25
4	11,104	23		11
5	953	40		1
6	550	44		1
Unknown		33		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel

# Standard Curve Worksheet II

## Standard Curve Plot for BccII



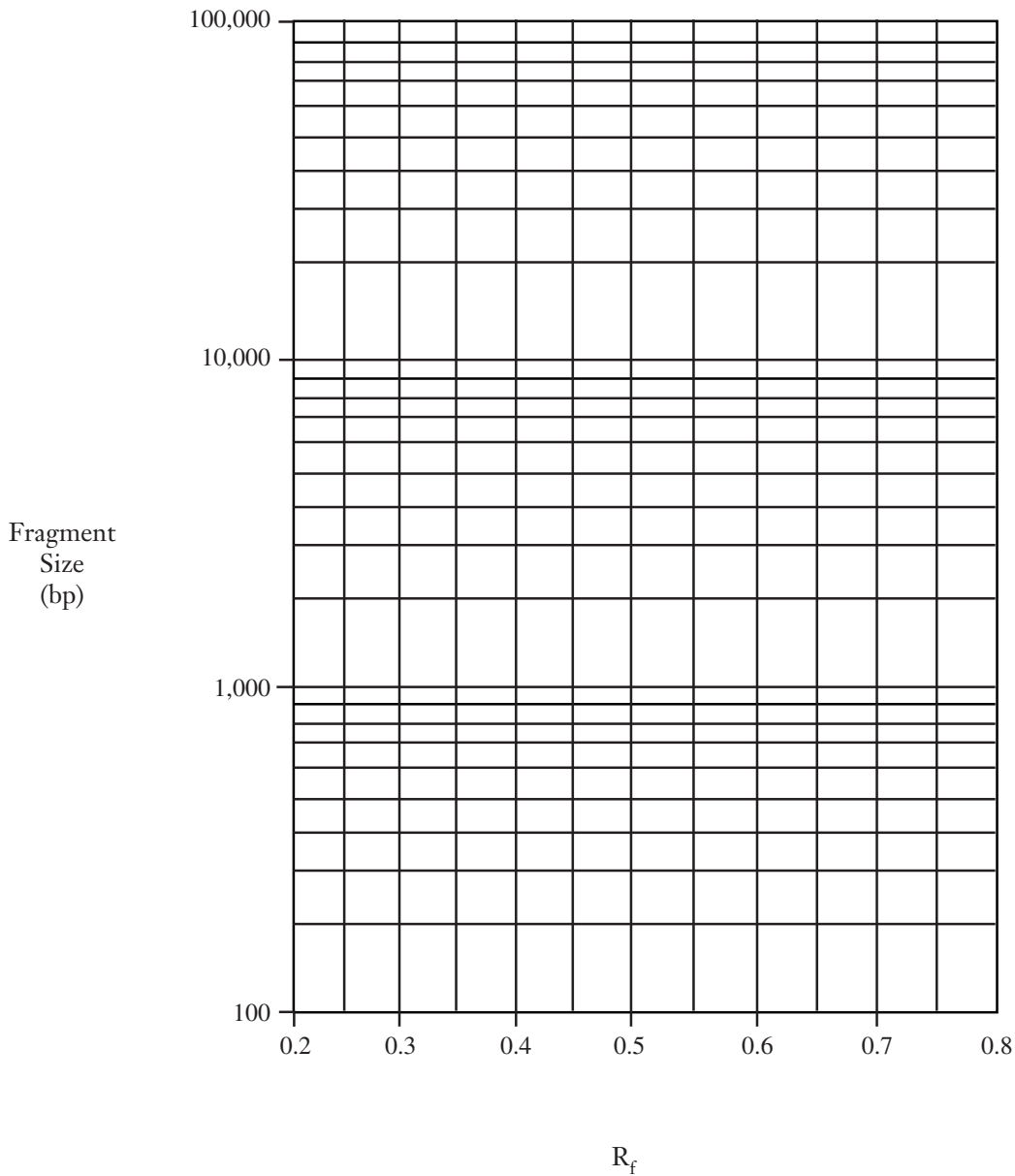
## DNA Marker Chart for BccII

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	$R_f$	Pop Beads (one color/fragment)
1	2,000	30		4
2	1,890	37		4
3	3,217	16		6
4	1,076	46		2
5	2,490	22		4
Unknown		18		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel

# Standard Curve Worksheet III

## Standard Curve Plot for DgbIII



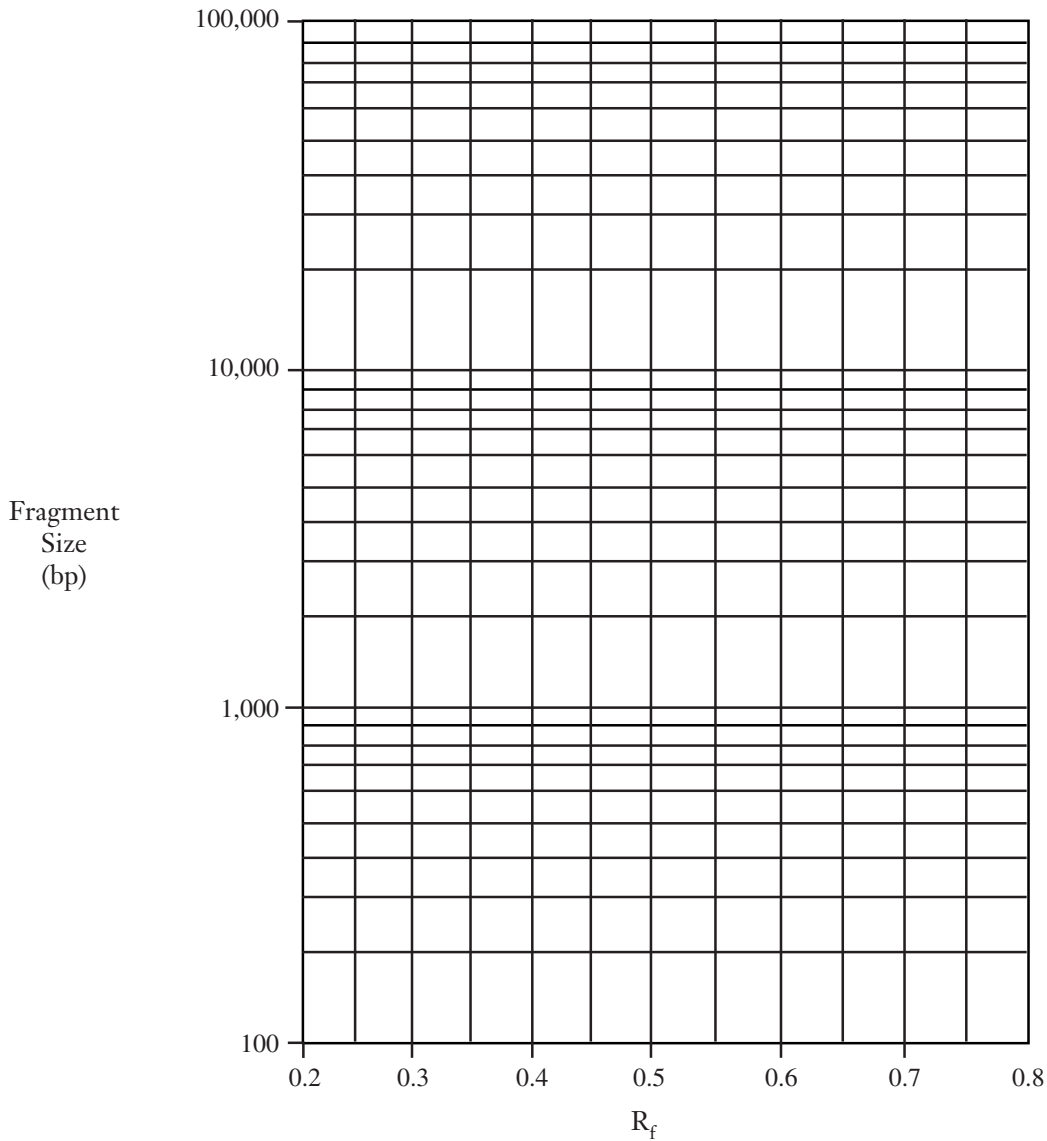
## DNA Marker Chart for DgbIII

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	$R_f$	Pop Beads (one color/fragment)
1	743	29		4
2	2,671	15		12
3	1,378	25		8
4	712	37		4
5	374	40		2
Unknown		45		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel

# Standard Curve Worksheet IV

## Standard Curve Plot for EdIIV



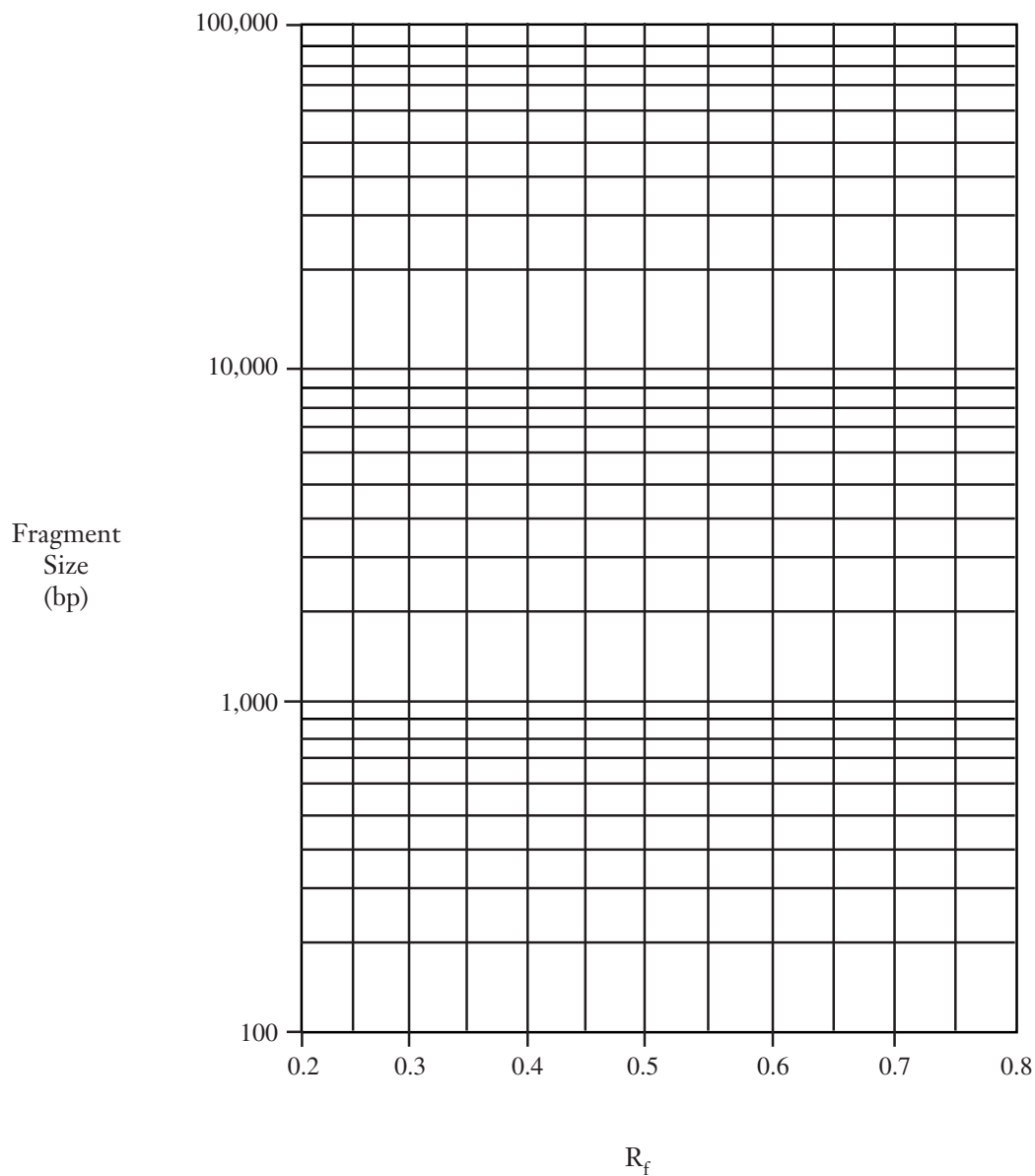
## DNA Marker Chart for EdIIV

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	$R_f$	Pop Beads (one color/fragment)
1	19,407	26		19
2	8,096	33		8
3	30,714	14		30
4	2,227	46		2
5	4,840	38		2
Unknown		18		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel

# Standard Curve Worksheet V

## Standard Curve Plot for FurV



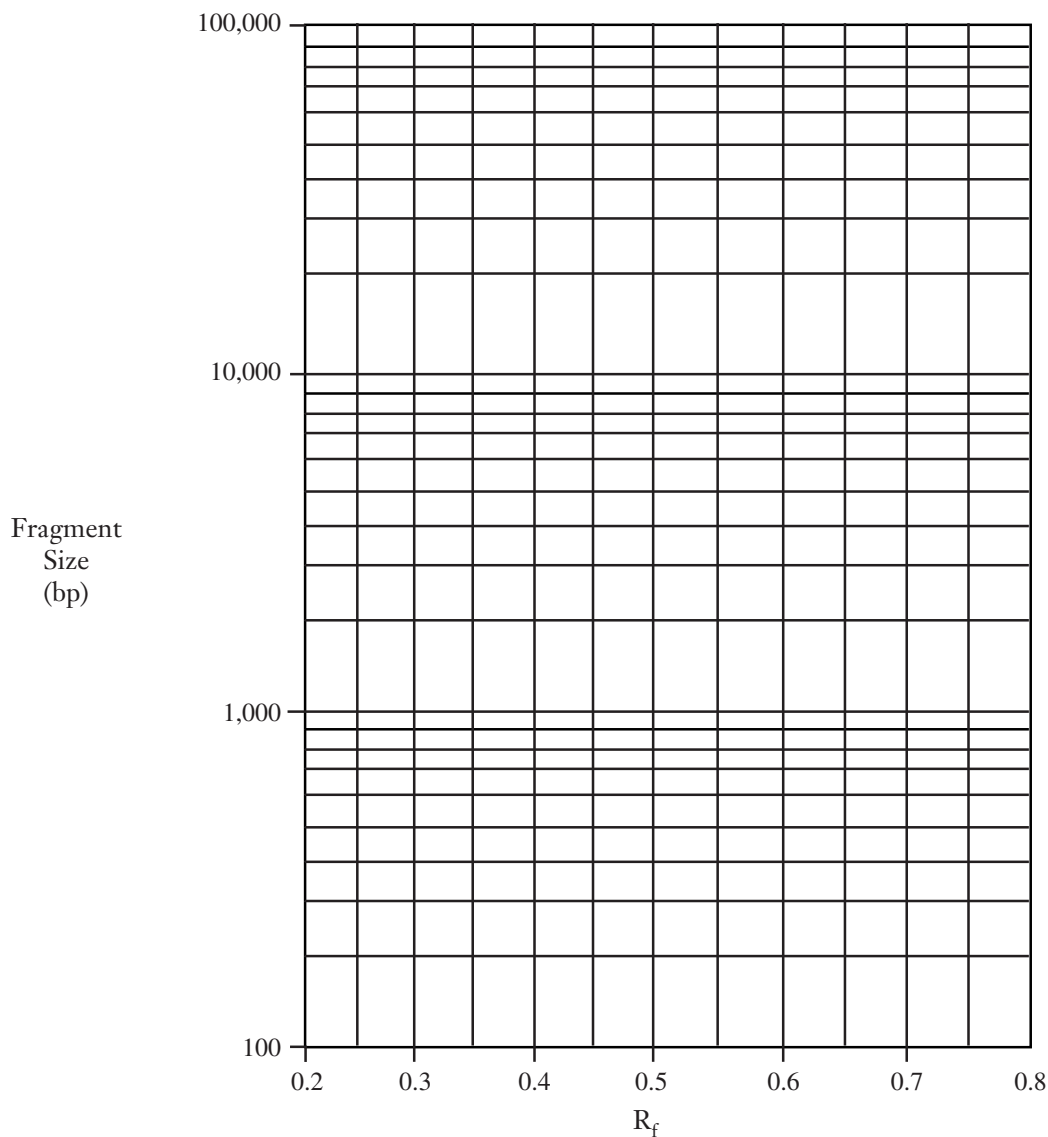
## DNA Marker Chart for FurV

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	R <sub>f</sub>	Pop Beads (one color/fragment)
1	2,760	34		4
2	3,704	23		6
3	1,284	44		2
4	2,406	31		4
5	3,627	16		6
Unknown		39		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel

# Standard Curve Worksheet VI

## Standard Curve Plot for GswVI



## DNA Marker Chart for GswVI

Fragment Number	Fragment Size (bp)	Migration Distance (mm)	$R_f$	Pop Beads (one color/fragment)
1	1,687	34		3
2	920	43		2
3	26,114	13		26
4	8,056	21		8
5	3,603	29		4
6	438	47		1
Unknown		24		

Gel size 7 cm; wells 1 cm from top of gel; run on 0.8% agarose gel