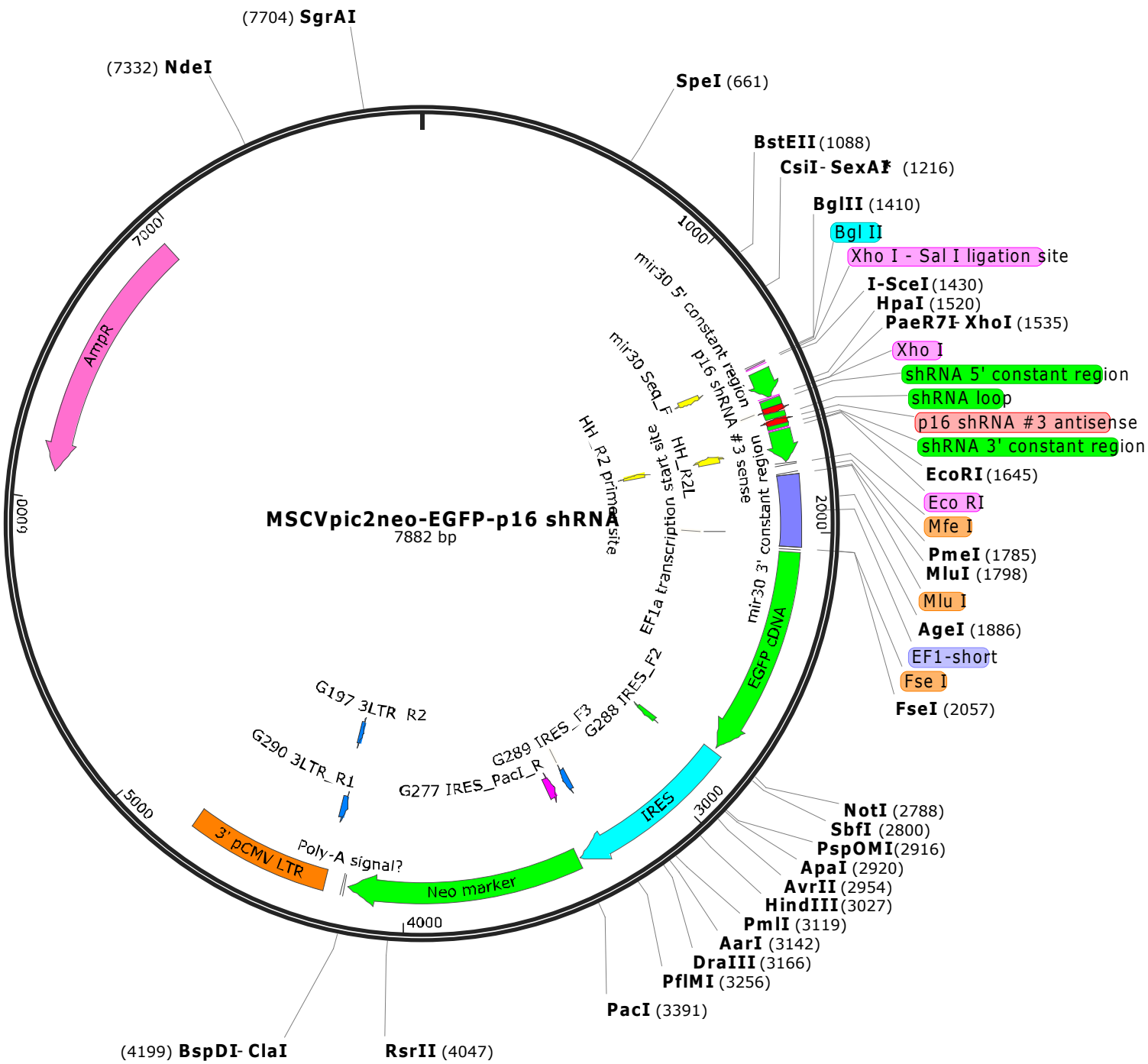
MSCVpic2neo-EGFP-p16 shRNA
7882 bp
(7704) SgrAI
(7332) NdeI
SpeI (661)
BstEII (1088)
CsiI- SexAI (1216)
BglII (1410)
Bgl II
Xho I - Sal I ligation site
I-SceI (1430)
HpaI (1520)
PaeR7I- XhoI (1535)
Xho I
shRNA 5' constant region
shRNA loop
p16 shRNA #3 antisense
shRNA 3' constant region
EcoRI (1645)
Eco RI
Mfe I
PmeI (1785)
MluI (1798)
Mlu I
AgeI (1886)
EF1-short
Fse I
FseI (2057)
NotI (2788)
SbfI (2800)
PspOMI (2916)
ApaI (2920)
AvrII (2954)
HindIII (3027)
PmlI (3119)
AarI (3142)
DraIII (3166)
PflMI (3256)
PacI (3391)
RsrII (4047)
(4199) BspDI- ClaI
3' pCMV LTR
Poly-A signal?
Neo marker
IRES
EGFP cDNA
mir-30 3' constant region
mir-30 sense
p16 shRNA
mir-30 5' constant region
mir-30 Seq_F
HH_R2L
HH_R2 primer site
EF1a transcription start site
G288 IRES_F2
G289 IRES_F3
G277 IRES_PacI_R
G290 3LTR_R1
G197 3LTR_R2
AmpR
1000
2000
3000
4000
5000
6000
7000