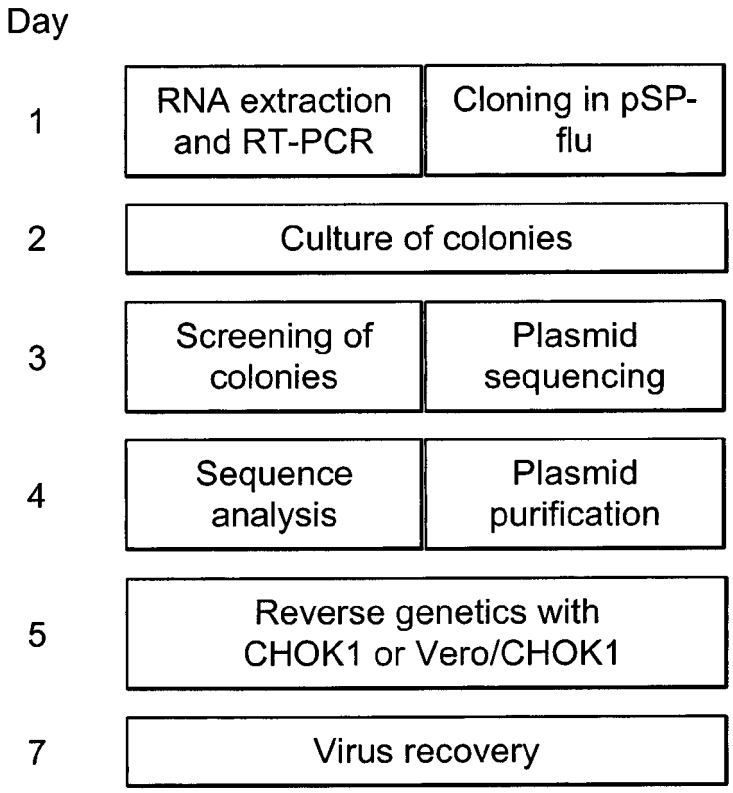

Day
1
RNA extraction and RT-PCR
Cloning in pSP-flu
2
Culture of colonies
3
Screening of colonies
Plasmid sequencing
4
Sequence analysis
Plasmid purification
5
Reverse genetics with CHOK1 or Vero/CHOK1
7
Virus recovery

FIG.1

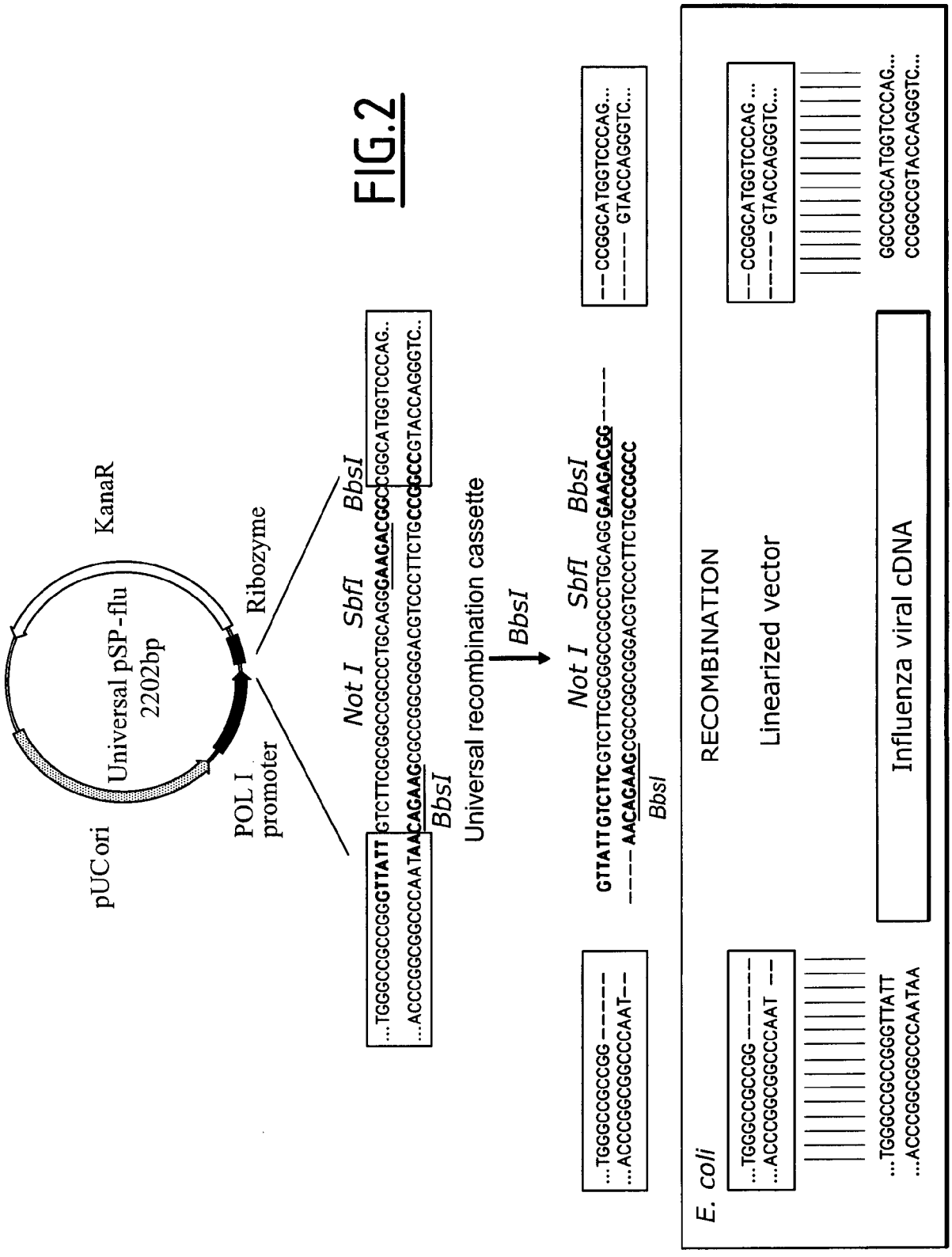

pUC ori
Universal pSP-flu 2202bp
KanaR
Ribozyme
POL I promoter
Not I SbfI BbsI
...TGGGCCGCCGGGTTATT
...ACCCGGCGGCCCAATAA
BbsI
Universal recombination cassette
BbsI
Not I SbfI BbsI
GTTATTGTCTTCGTCTTCGGCGCCGCCCTGCAGGGAAGACGG----
-----AACAGAAGCGCCGGCGGGACGTCCCTTCTGCCGGCC
BbsI
--CCGGCATGGTCCCAG...
-----GTACCAGGGTC...
...TGGGCCGCCGG-----
...ACCCGGCGGCCCAAT--
RECOMBINATION
Linearized vector
--CCGGCATGGTCCCAG...
-----GTACCAGGGTC...
GGCCGGCATGGTCCCAG...
CCGGCCGTACCAGGGTC...
E. coli
...TGGGCCGCCGG-------
...ACCCGGCGGCCCAAT --
...TGGGCCGCCGGGTTATT
...ACCCGGCGGCCCAATAA
Influenza viral cDNA

FIG.2