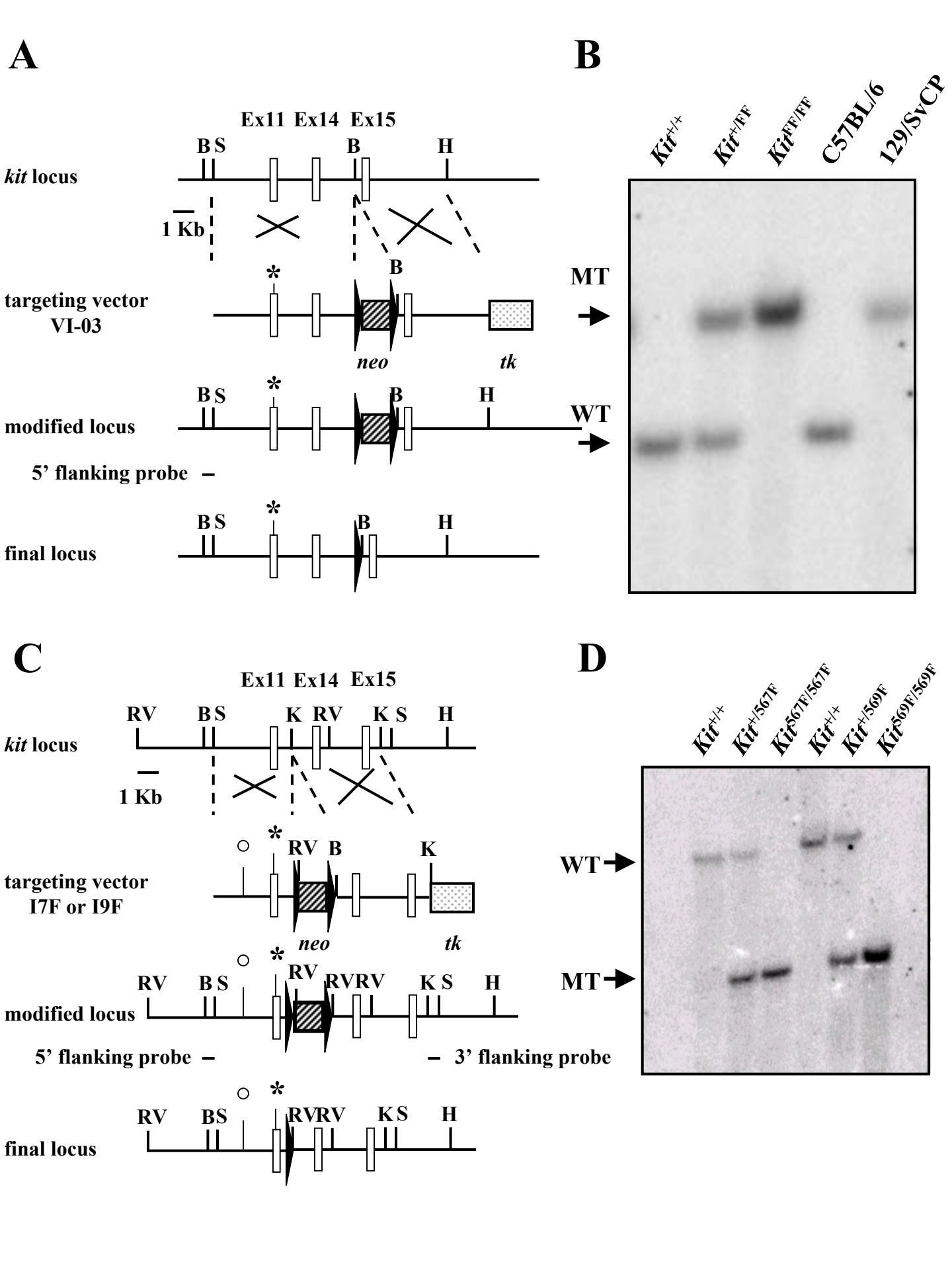
A
Ex11 Ex14 Ex15
B S
B
H
kit locus
1 Kb
*
B
targeting vector
VI-03
neo
tk
B S
*
B
H
modified locus
5' flanking probe
B S
*
B
H
final locus
B
Kit+/+
Kit+/FF
KitFF/FF
C57BL/6
129/SvCP
MT
WT
C
Ex11 Ex14 Ex15
RV
B S
K
RV
K S
H
kit locus
1 Kb
*
RV B
K
targeting vector
I7F or I9F
neo
tk
*
RV
RV
RV
RV
K S
H
modified locus
5' flanking probe
3' flanking probe
RV
BS
RV
RV
K S
H
final locus
D
Kit+/+
Kit+/567F
Kit567F/567F
Kit+/+
Kit+/569F
Kit569F/569F
WT
MT