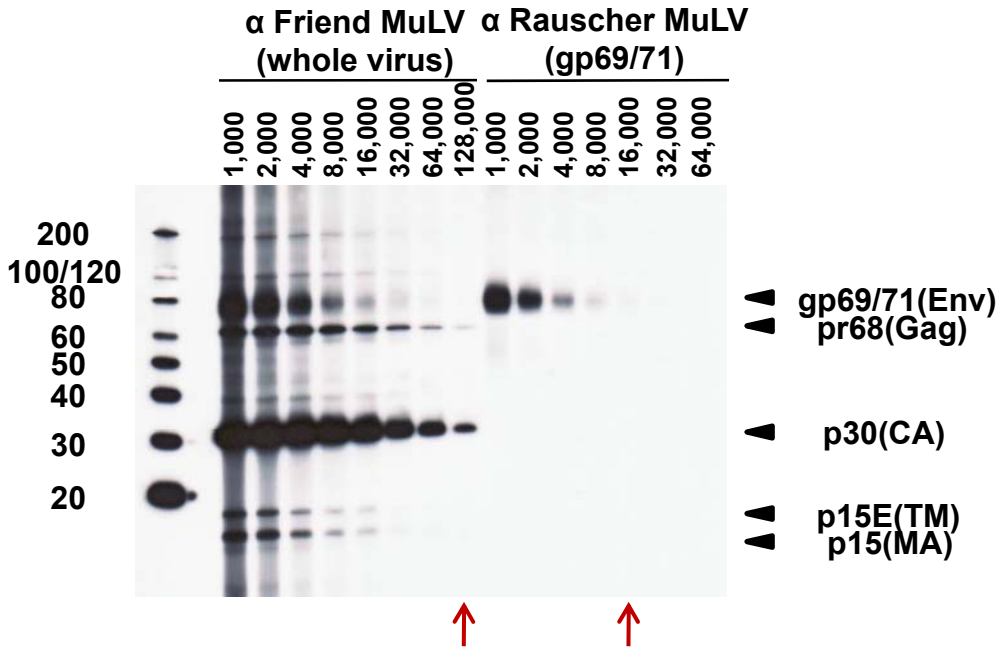
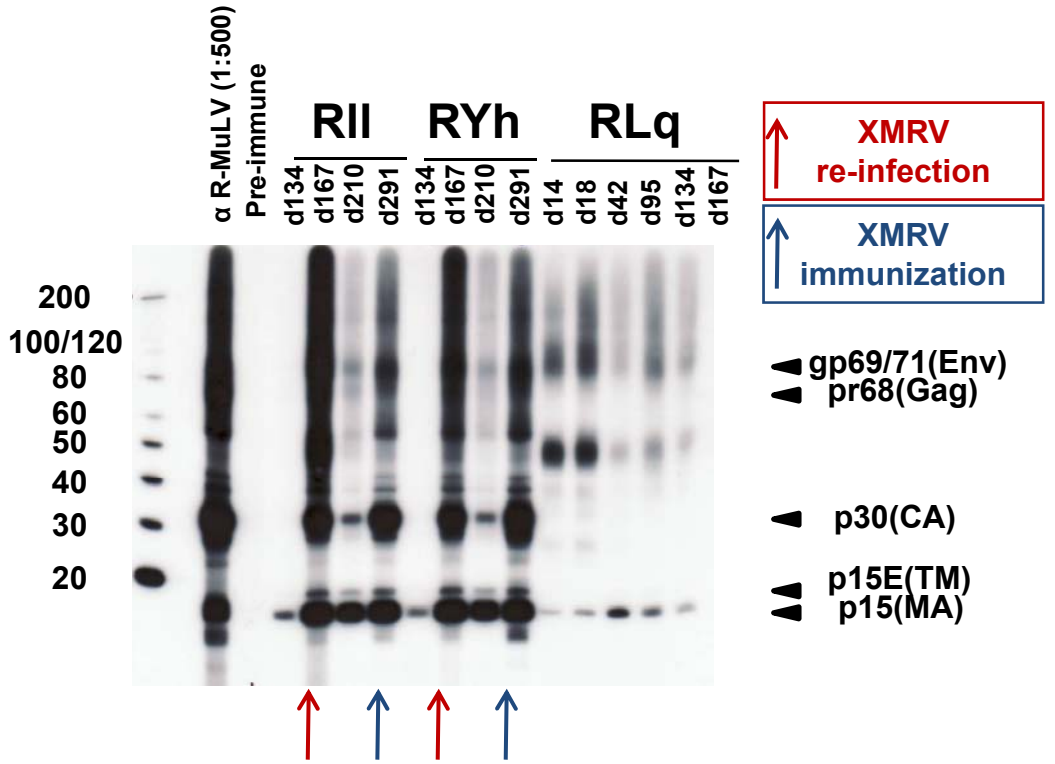
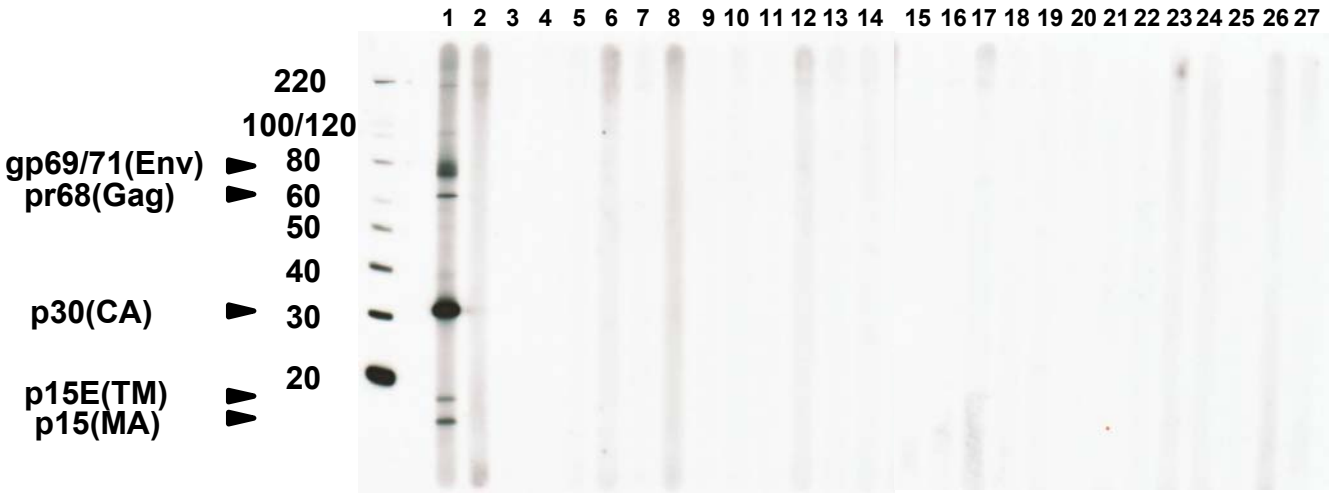
a


α Friend MuLV (whole virus)
α Rauscher MuLV (gp69/71)
1,000
2,000
4,000
8,000
16,000
32,000
64,000
128,000
1,000
2,000
4,000
8,000
16,000
32,000
64,000
200
100/120
80
60
50
40
30
20
gp69/71(Env)
pr68(Gag)
p30(CA)
p15E(TM)
p15(MA)

b


α R-MuLV (1:500)
Pre-immune
RII
RYh
RLq
d134
d167
d210
d291
d134
d167
d210
d291
d14
d18
d42
d95
d134
d167
XMRV re-infection
XMRV immunization
200
100/120
80
60
50
40
30
20
gp69/71(Env)
pr68(Gag)
p30(CA)
p15E(TM)
p15(MA)

c


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
220
100/120
80
60
50
40
30
20
gp69/71(Env)
pr68(Gag)
p30(CA)
p15E(TM)
p15(MA)