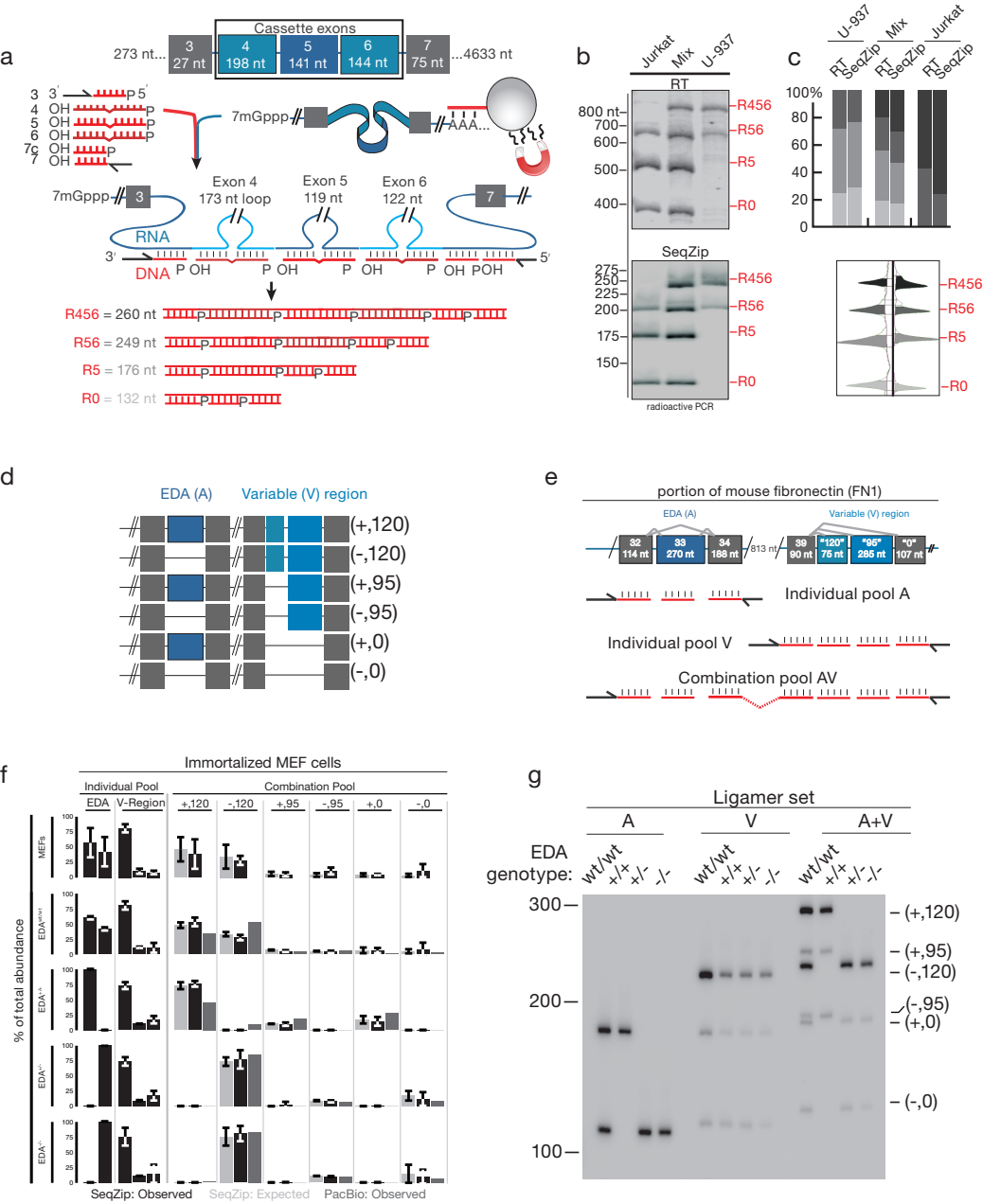
a
Cassette exons
273 nt...
3
27 nt
4
198 nt
5
141 nt
6
144 nt
7
75 nt
...4633 nt
7mGppp
AAA...
Exon 4
173 nt loop
Exon 5
119 nt
Exon 6
122 nt
RNA
DNA
R456 = 260 nt
R56 = 249 nt
R5 = 176 nt
R0 = 132 nt
b
Jurkat
Mix
U-937
RT
SeqZip
800 nt
700
600
500
400
275
250
225
200
175
150
R456
R56
R5
R0
radioactive PCR
c
U-937
Mix
Jurkat
RT
SeqZip
100%
80
60
40
20
0
d
EDA (A)
Variable (V) region
(+,120)
(-,120)
(+,95)
(-,95)
(+,0)
(-,0)
e
portion of mouse fibronectin (FN1)
EDA (A)
Variable (V) region
32
114 nt
33
270 nt
34
188 nt
813 nt
39
90 nt
"120"
75 nt
"95"
285 nt
"0"
107 nt
Individual pool A
Individual pool V
Combination pool AV
f
Immortalized MEF cells
Individual Pool
Combination Pool
EDA
V-Region
+,120
-,120
+,95
-,95
+,0
-,0
MEFs
% of total abundance
SeqZip: Observed
SeqZip: Expected
PacBio: Observed
g
Ligamer set
A
V
A+V
EDA genotype:
wt/wt
+/+
+/-
-/-
300
200
100
(+,120)
(+,95)
(-,120)
(-,95)
(+,0)
(-,0)