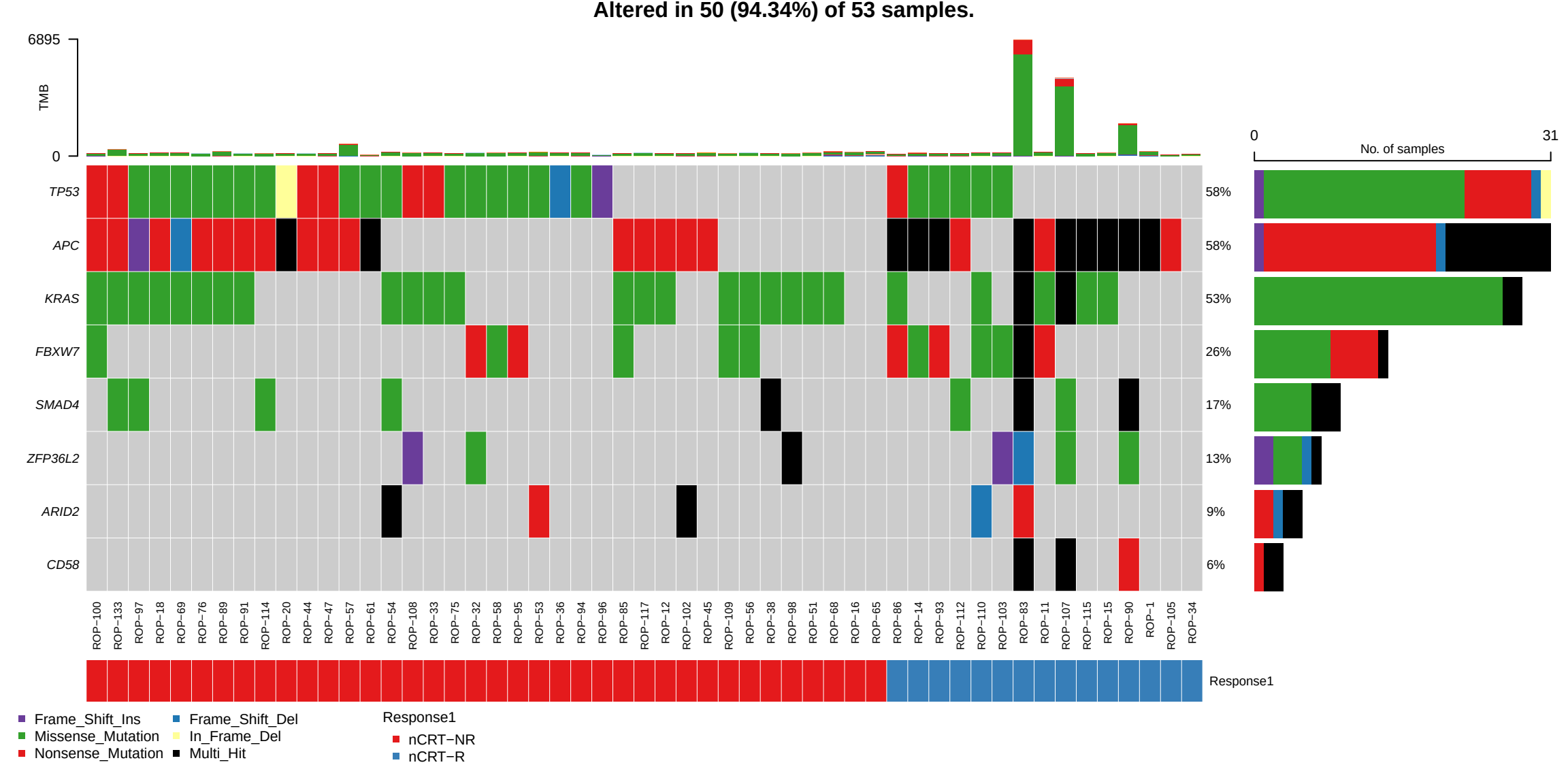
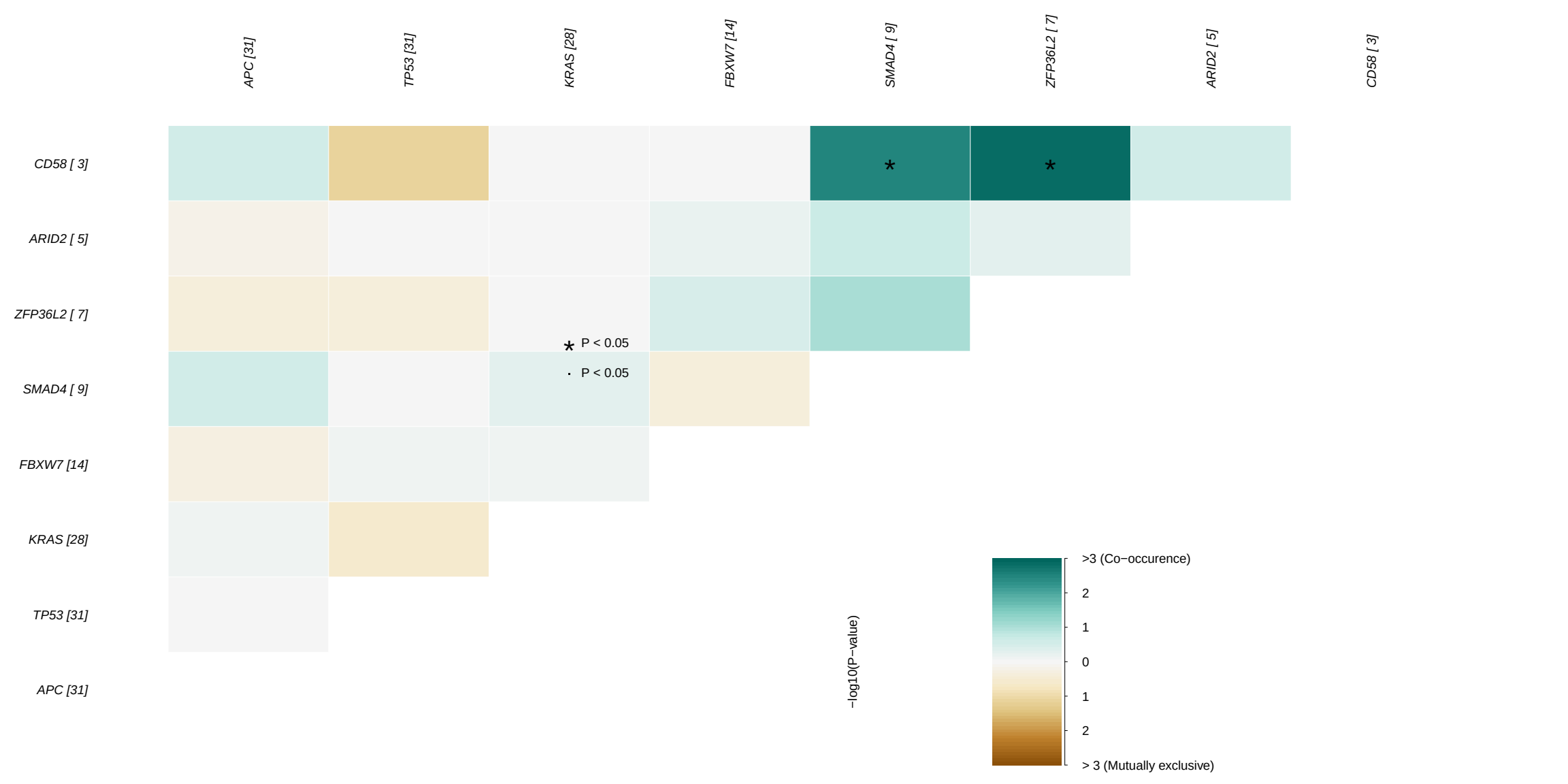
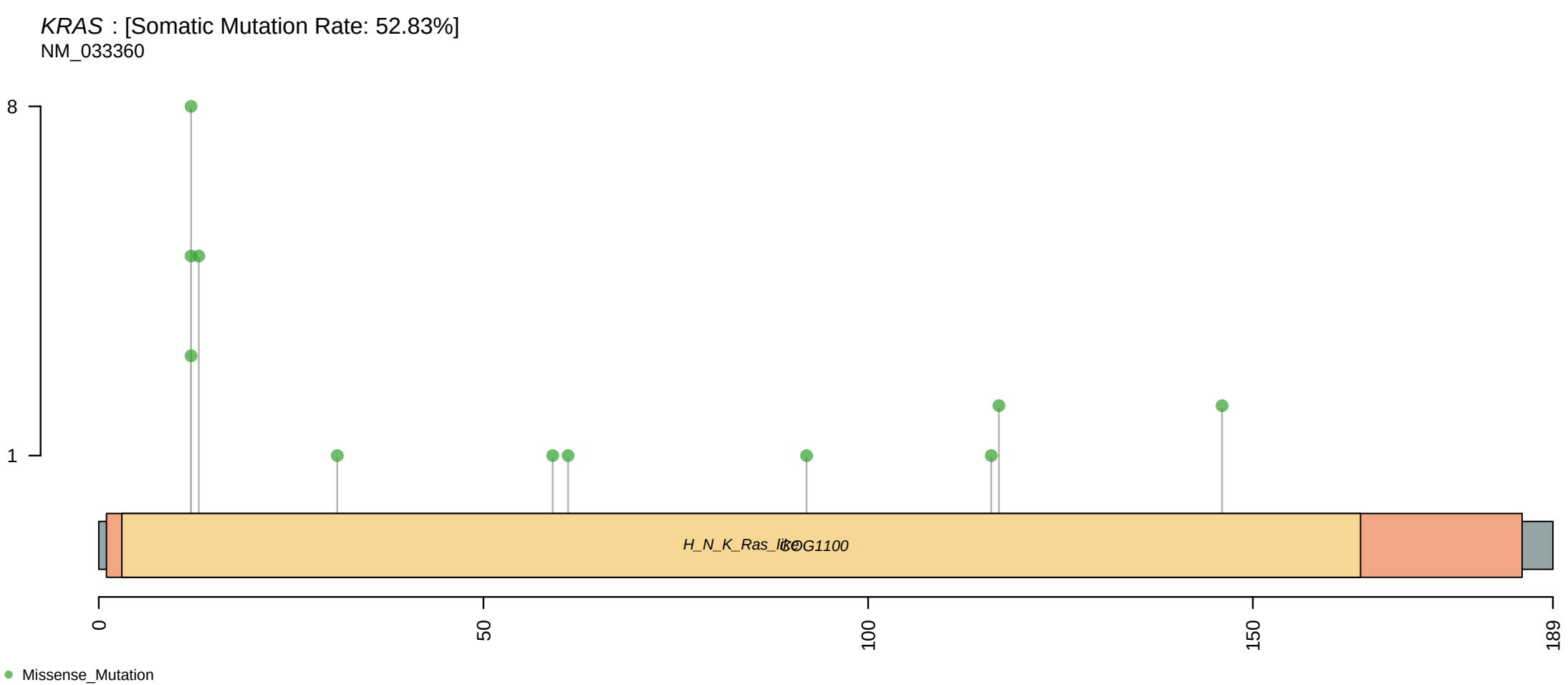
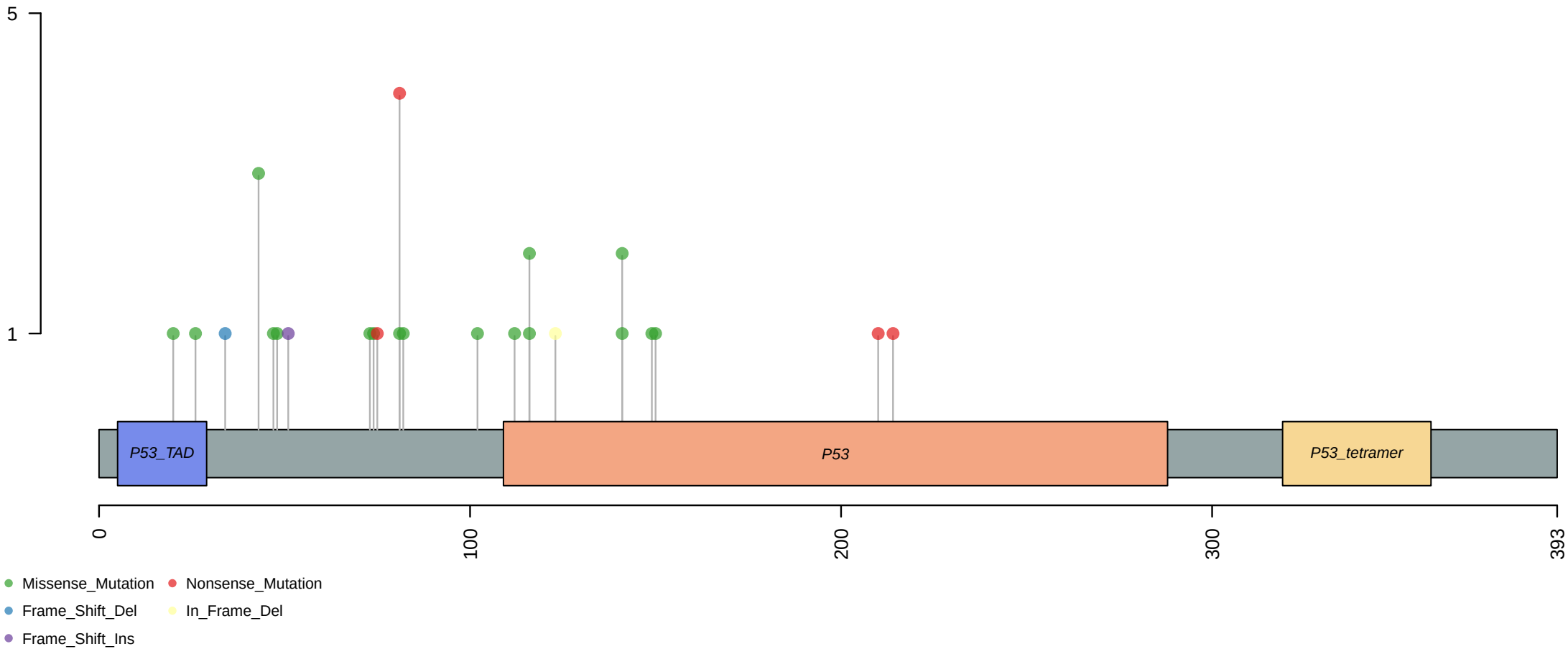
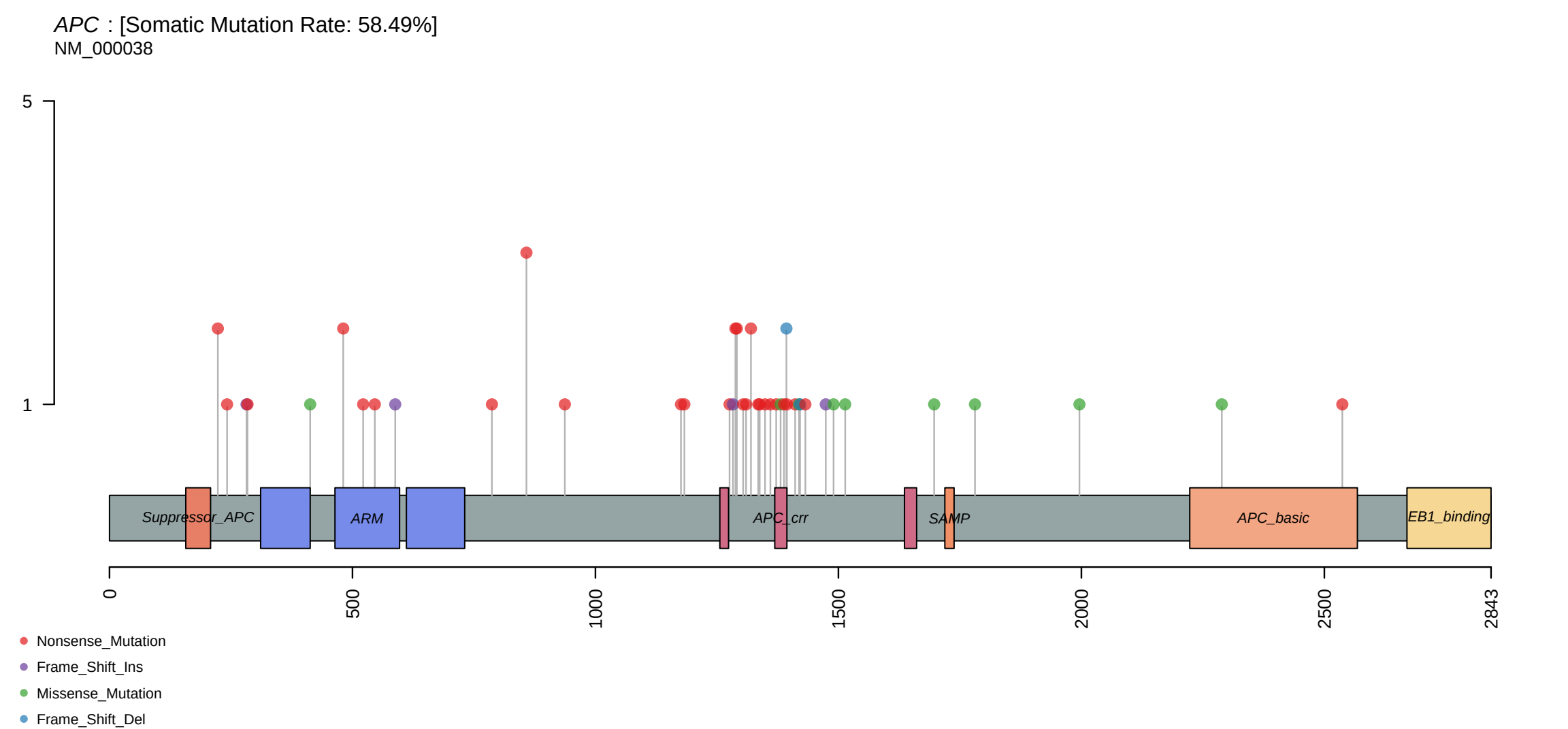

Altered in 50 (94.34%) of 53 samples.
6895
TMB
0
0
31
No. of samples
TP53
APC
KRAS
FBXW7
SMAD4
ZFP36L2
ARID2
CD58
58%
58%
53%
26%
17%
13%
9%
6%
ROP−100
ROP−133
ROP−97
ROP−18
ROP−69
ROP−76
ROP−89
ROP−91
ROP−114
ROP−20
ROP−44
ROP−47
ROP−57
ROP−61
ROP−54
ROP−108
ROP−33
ROP−75
ROP−32
ROP−58
ROP−95
ROP−53
ROP−36
ROP−94
ROP−96
ROP−85
ROP−117
ROP−12
ROP−102
ROP−45
ROP−109
ROP−56
ROP−38
ROP−98
ROP−51
ROP−68
ROP−16
ROP−65
ROP−86
ROP−14
ROP−93
ROP−112
ROP−110
ROP−103
ROP−83
ROP−11
ROP−107
ROP−115
ROP−15
ROP−90
ROP−1
ROP−105
ROP−34
Response1
Frame_Shift_Ins
Missense_Mutation
Nonsense_Mutation
Frame_Shift_Del
In_Frame_Del
Multi_Hit
Response1
nCRT−NR
nCRT−R


APC [31]
TP53 [31]
KRAS [28]
FBXW7 [14]
SMAD4 [9]
ZFP36L2 [7]
ARID2 [5]
CD58 [3]
CD58 [3]
ARID2 [5]
ZFP36L2 [7]
SMAD4 [9]
FBXW7 [14]
KRAS [28]
TP53 [31]
APC [31]
* P < 0.05
· P < 0.05
−log10(P−value)
>3 (Co−occurence)
2
1
0
1
2
> 3 (Mutually exclusive)

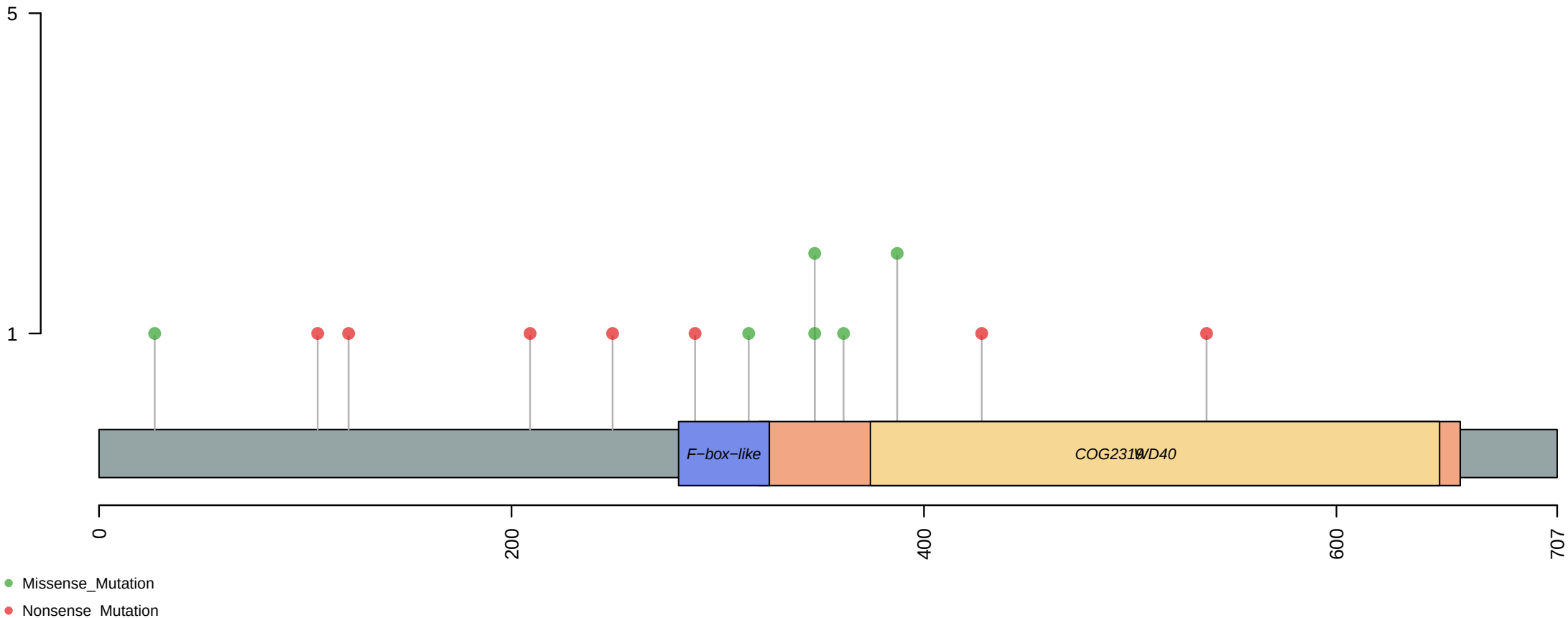

KRAS : [Somatic Mutation Rate: 52.83%]
NM_033360
8
1
H_N_K_Ras_like
COG1100
0
50
100
150
189
Missense_Mutation

TP53 : [Somatic Mutation Rate: 58.49%]
NM_000546

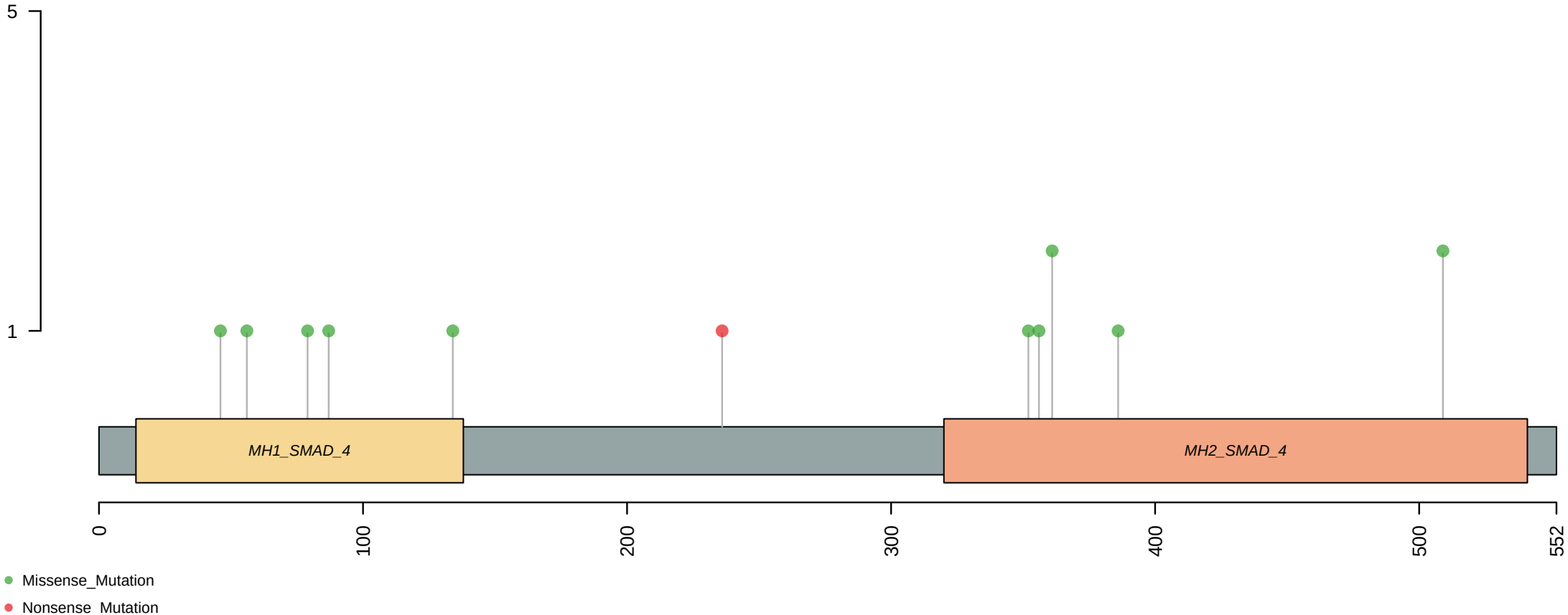



APC : [Somatic Mutation Rate: 58.49%]
NM_000038
5
1
Suppressor_APC
ARM
APC_crr
SAMP
APC_basic
EB1_binding
0
500
1000
1500
2000
2500
2843
Nonsense_Mutation
Frame_Shift_Ins
Missense_Mutation
Frame_Shift_Del

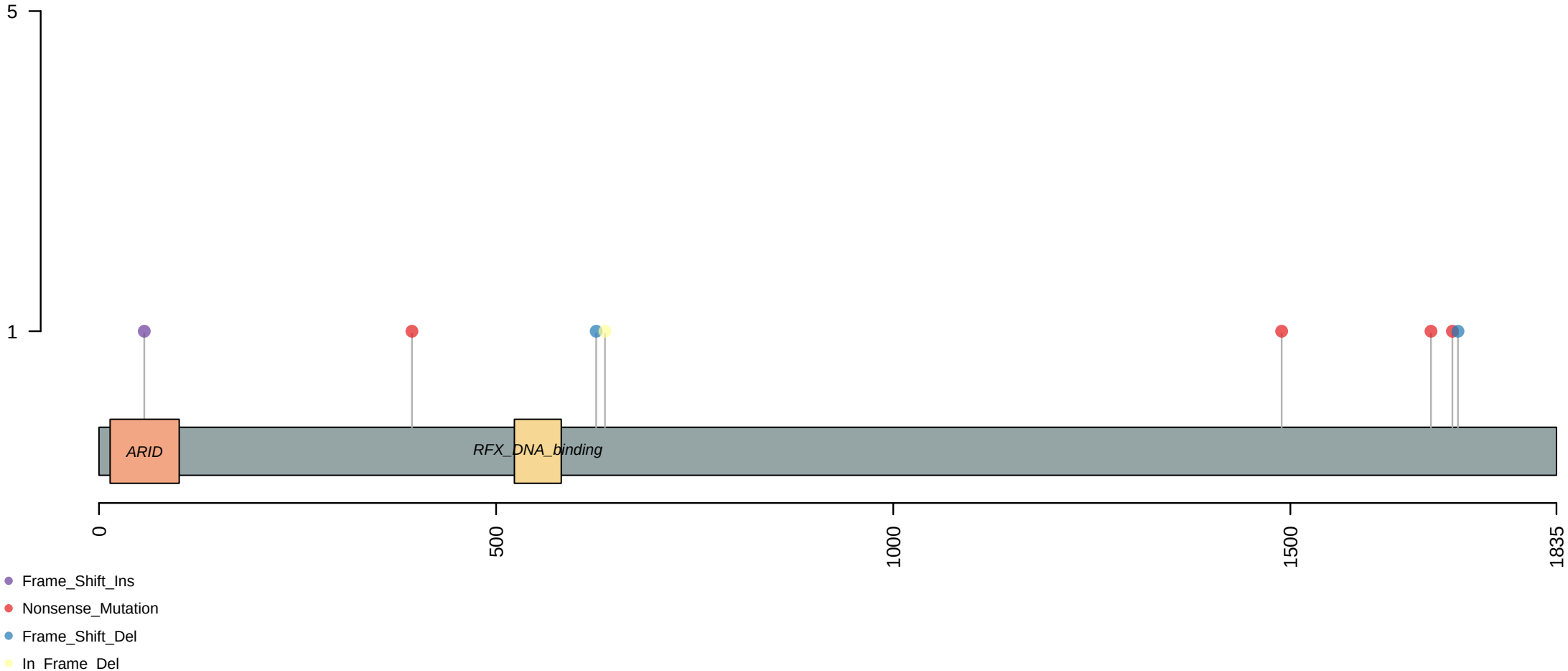
FBXW7 : [Somatic Mutation Rate: 26.42%]
NM_033632



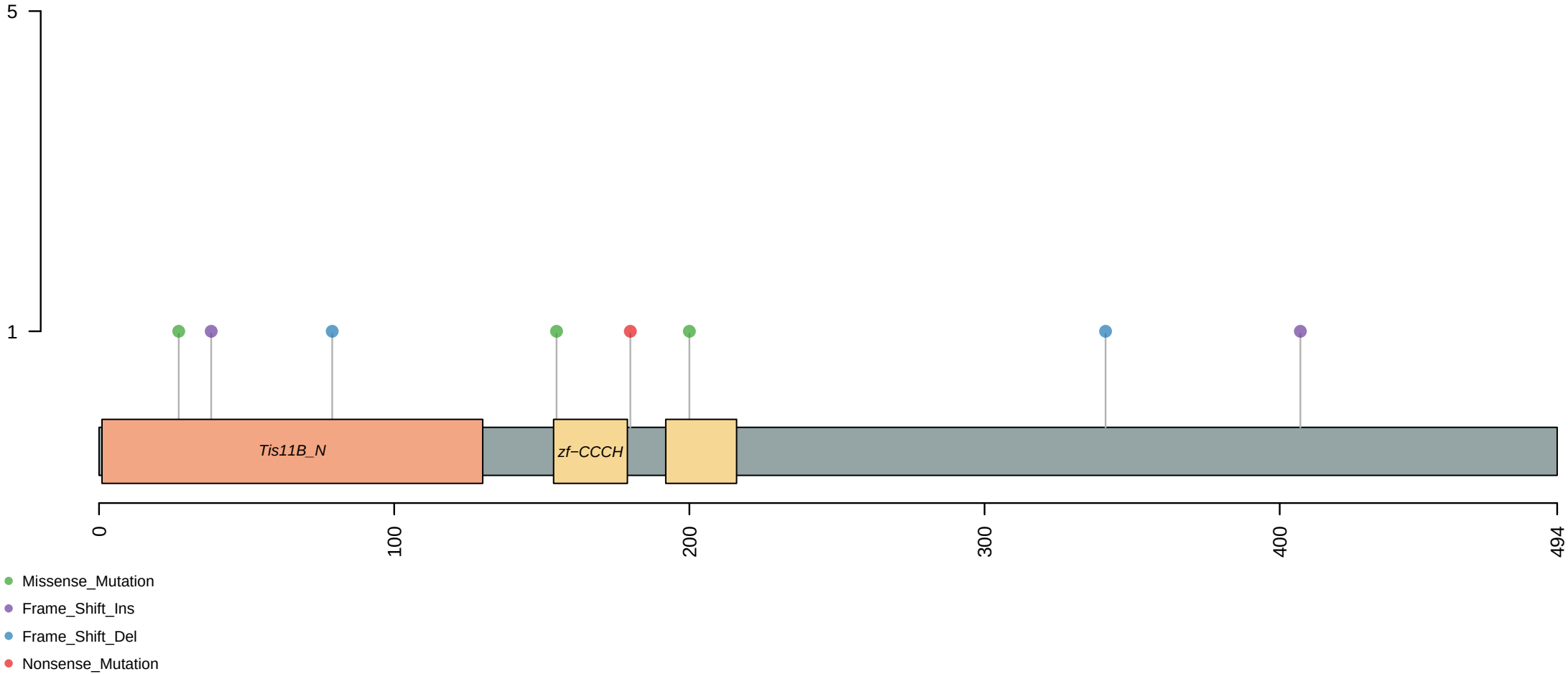
SMAD4 : [Somatic Mutation Rate: 16.98%]
NM_005359

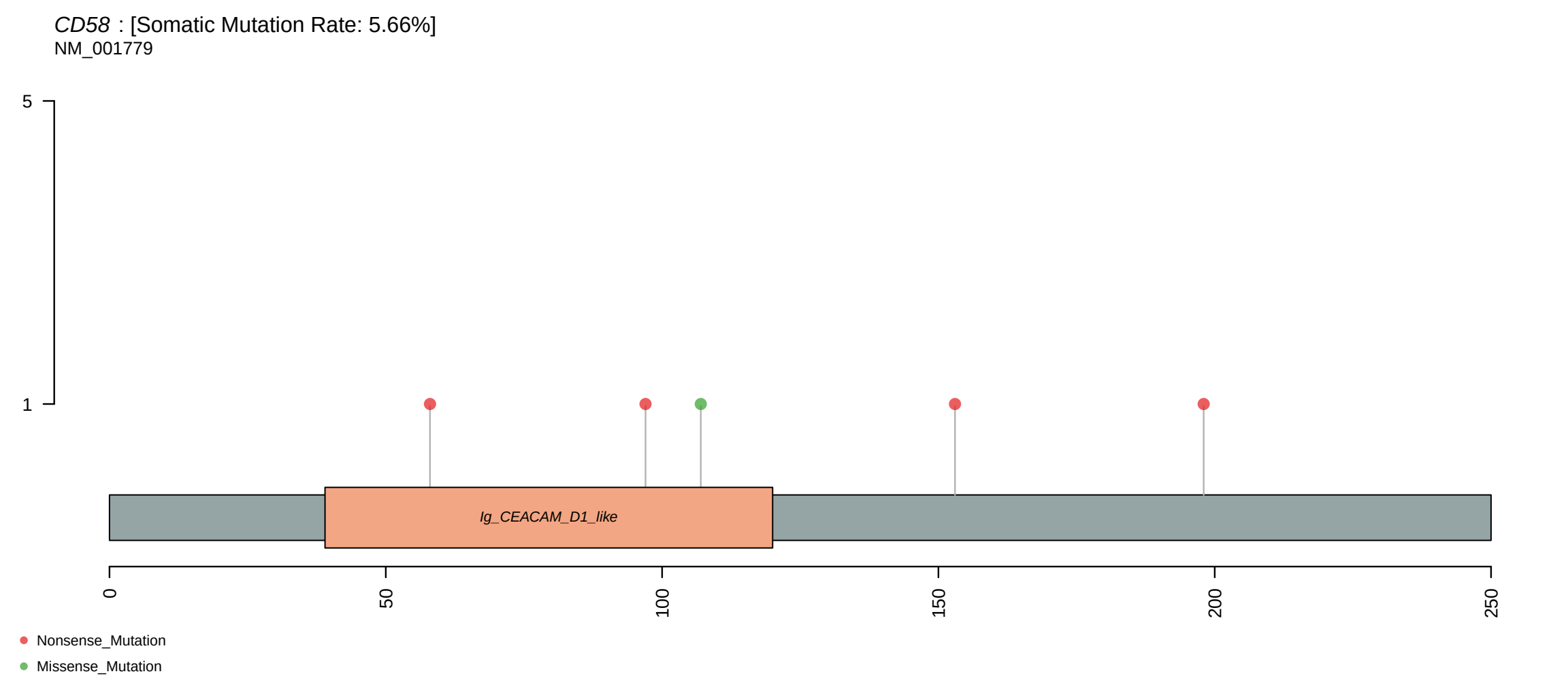


ARID2 : [Somatic Mutation Rate: 9.43%]
NM_152641



ZFP36L2 : [Somatic Mutation Rate: 13.21%]
NM_006887




CD58 : [Somatic Mutation Rate: 5.66%]
NM_001779
5
1
Ig_CEACAM_D1_like
0
50
100
150
200
250
Nonsense_Mutation
Missense_Mutation