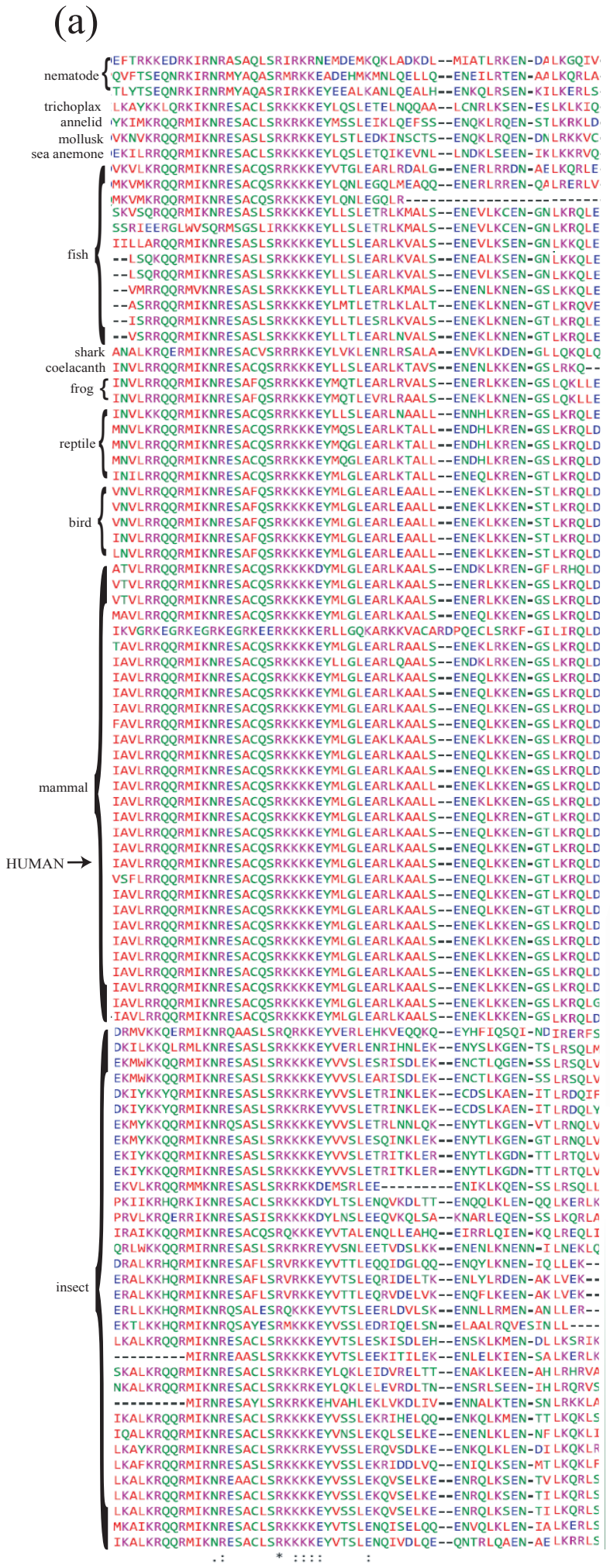
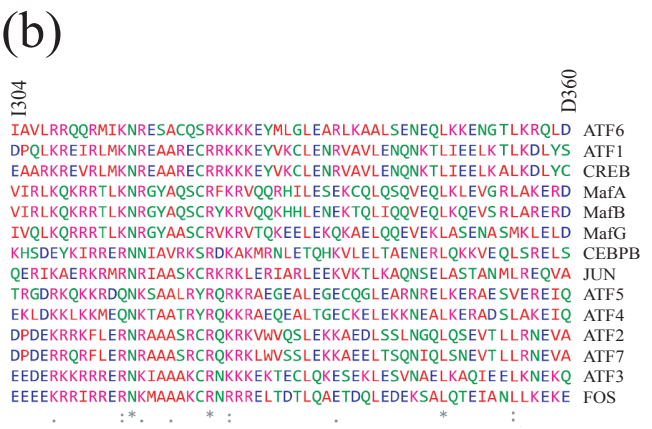
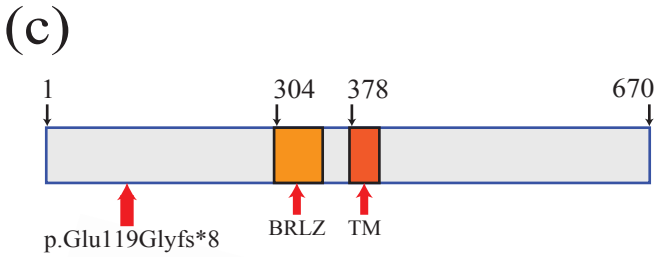
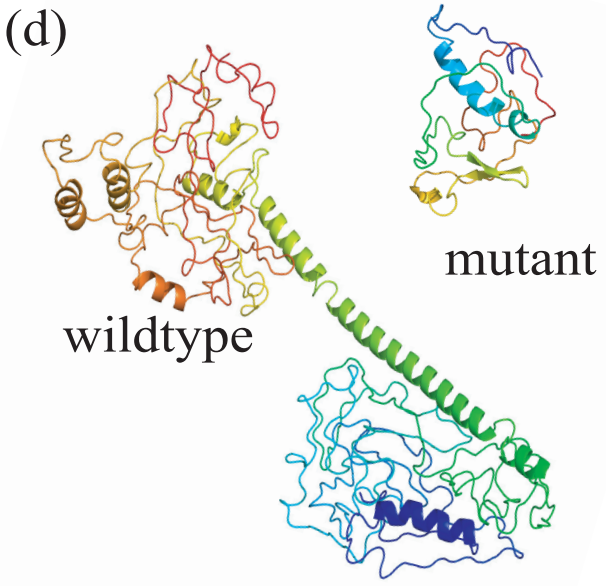
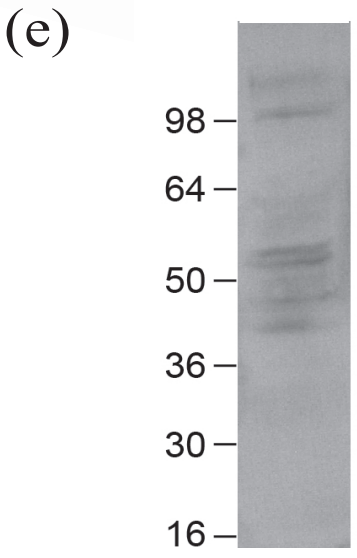

(a)
nematode
trichoplax
annelid
mollusk
sea anemone
fish
shark
coelacanth
frog
reptile
bird
mammal
HUMAN
insect


(b)
I304
D360
ATF6
ATF1
CREB
MafA
MafB
MafG
CEBPB
JUN
ATF5
ATF4
ATF2
ATF7
ATF3
FOS


(c)
1
304
378
670
p.Glu119Glyfs*8
BRLZ
TM


(d)
wildtype
mutant


(e)
98
64
50
36
30
16