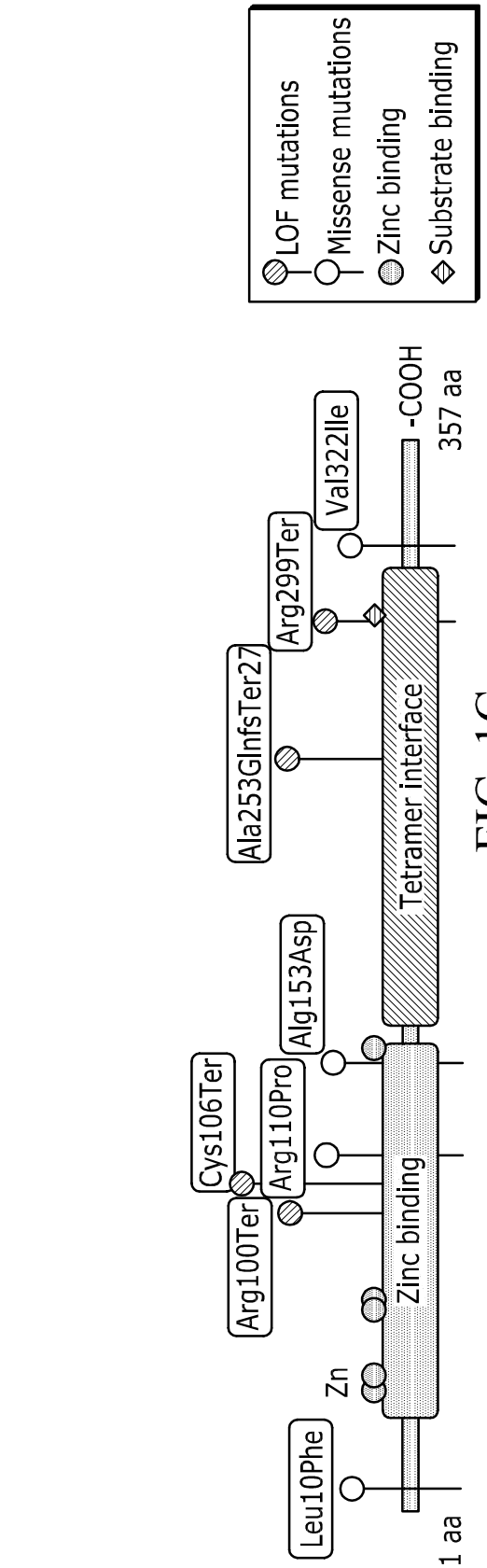

LOF mutations
Missense mutations
Zinc binding
Substrate binding
Leu10Phe
Zn
Cys106Ter
Arg100Ter
Arg110Pro
Alg153Asp
Ala253GlnfsTer27
Arg299Ter
Val322Ile
Zinc binding
Tetramer interface
1 aa
-COOH
357 aa

FIG. 1C

Humans P N L S L V K M G R Y N L E E G A L I E K P L V T H R SEQ ID NO:537 and 542-544
Rhesus P K N L S L V K S G R Y N L E E G A L I E K P L V T H R SEQ ID NO:538 and 545-547
Mouse G E N L S L V K I G R Y N L E E G A L I E K P L V T H R SEQ ID NO:539 and 548-550
Dog A E N L T L V K I G R Y N L E E G A L I E K P L V T H R SEQ ID NO:540 and 551-553
Drosophila K D N L T A V K Q G R Y N L E E G A L L E K R L V T H H SEQ ID NO:541 and 554-556

FIG. 1D