

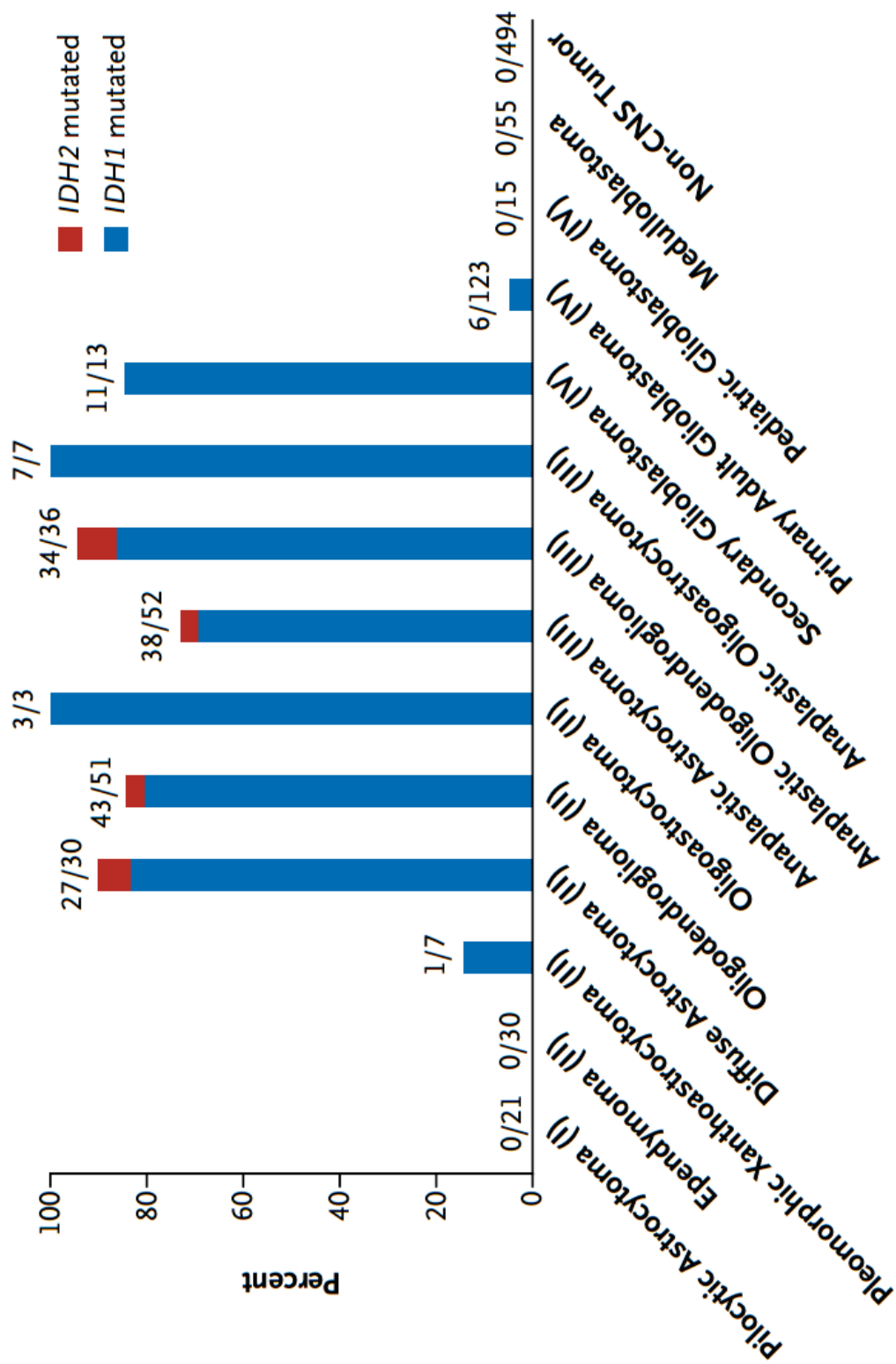


Fig. 1

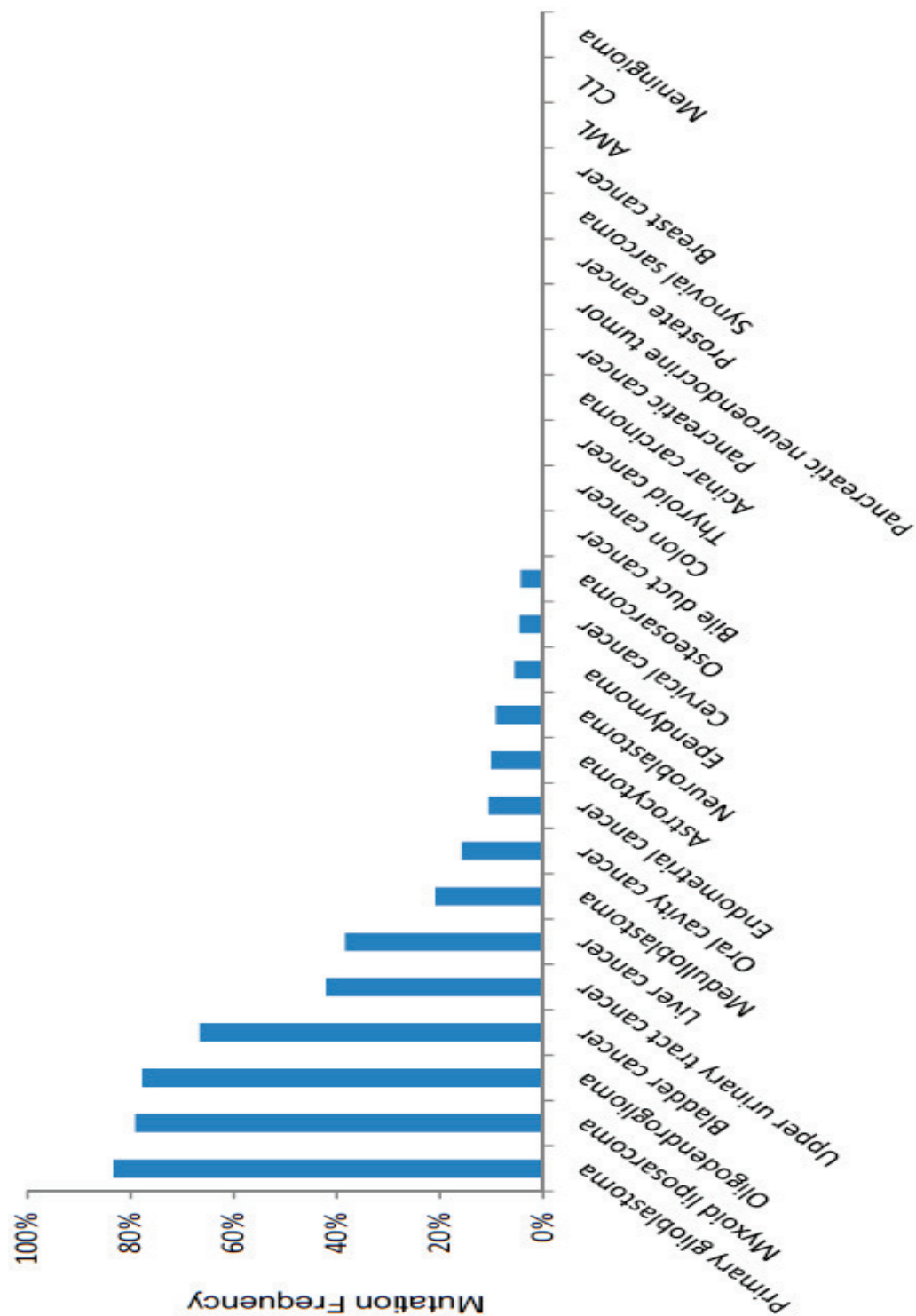


Fig. 2

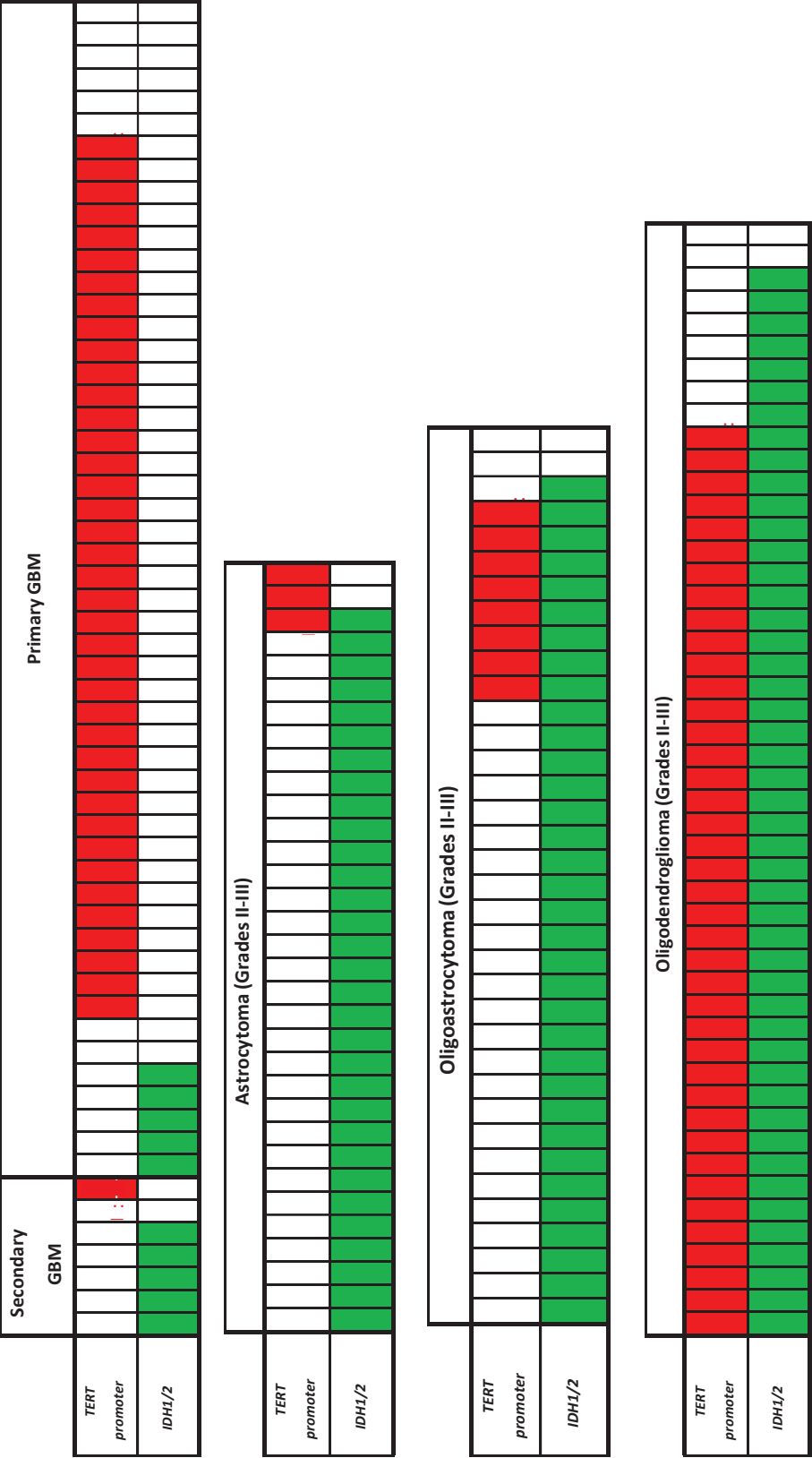


Fig. 3

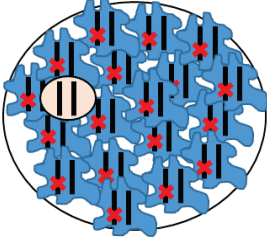
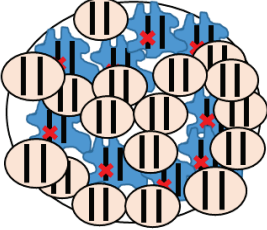
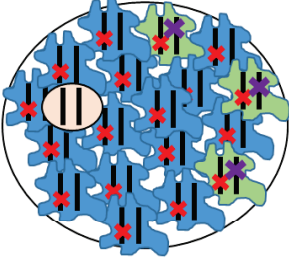
| <u>Scenario</u>                                                                                                                                                                                                                                                                                                                                                                                         | <u>Specimen</u>                                                                    | <u>Tumor %</u> | <u>Sequencing<br/>result</u>                  | <u>True<br/>result</u>     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|-----------------------------------------------|----------------------------|
| High tumor %                                                                                                                                                                                                                                                                                                                                                                                            |   | >90%           | Mutation                                      | Mutation                   |
| Lower tumor %<br>High normal %                                                                                                                                                                                                                                                                                                                                                                          |   | ~30%           | WT<br><i>False negative</i>                   | Mutation                   |
| High tumor %<br>Low subclonal %                                                                                                                                                                                                                                                                                                                                                                         |  | >90%           | 1. Mutation<br>2. WT<br><i>False negative</i> | 1. Mutation<br>2. Mutation |
| <div>Normal cell  Cancer cell  Mutation <br/></div> |                                                                                    |                |                                               |                            |

Fig. 4

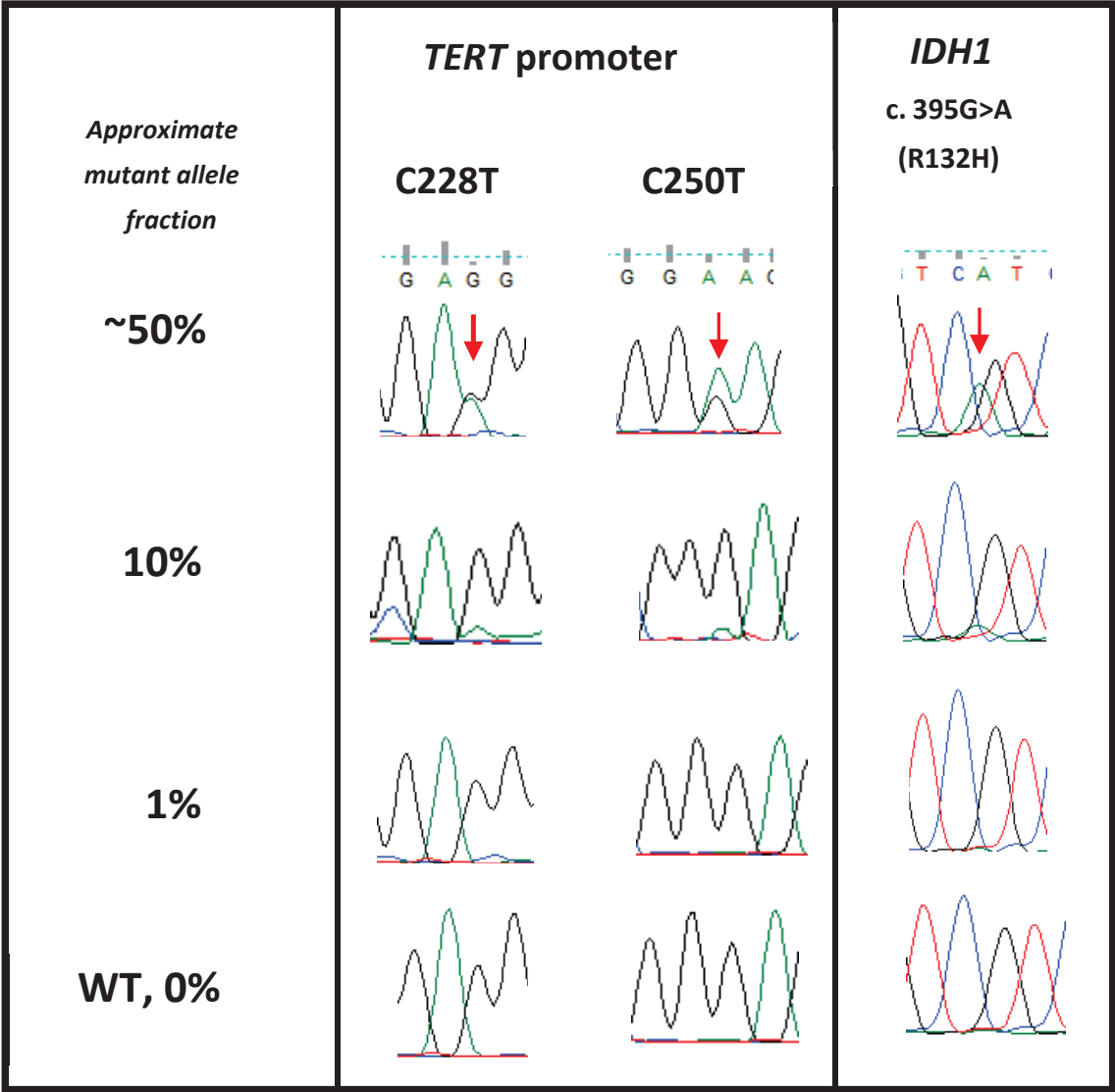


Fig. 5

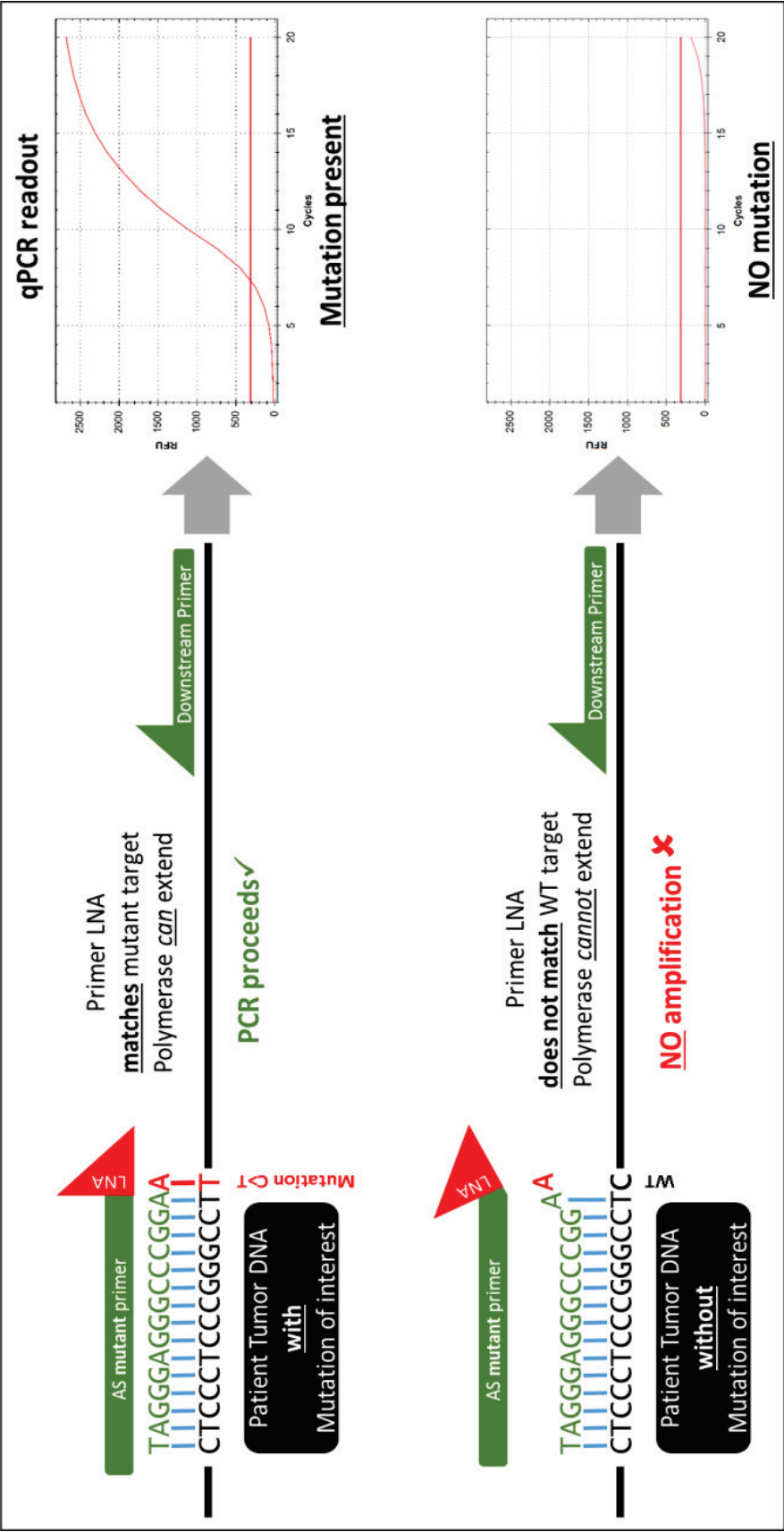


Fig. 6

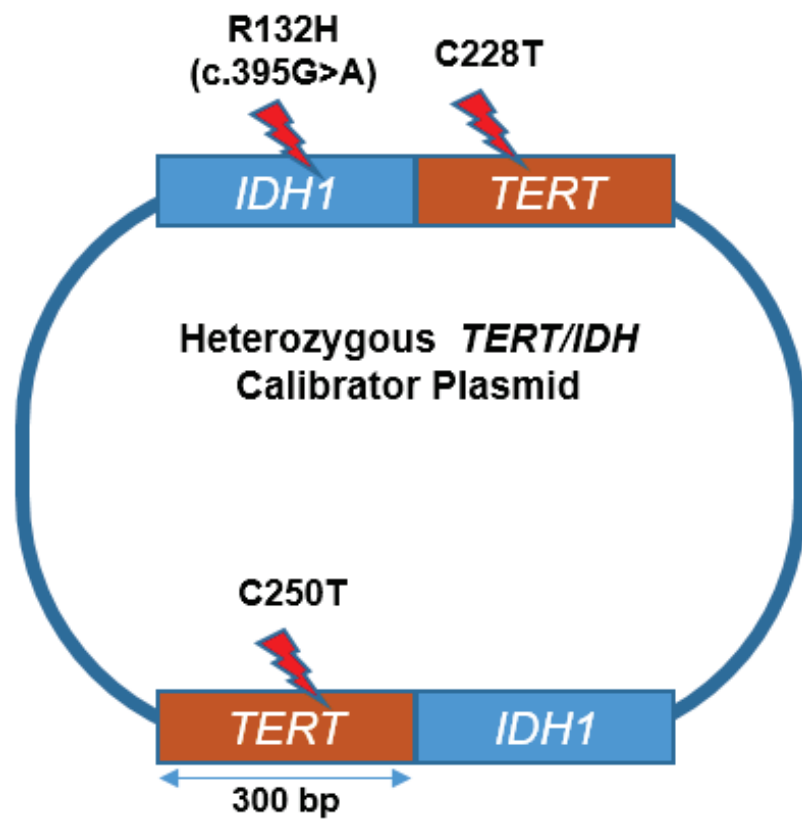


Fig. 7

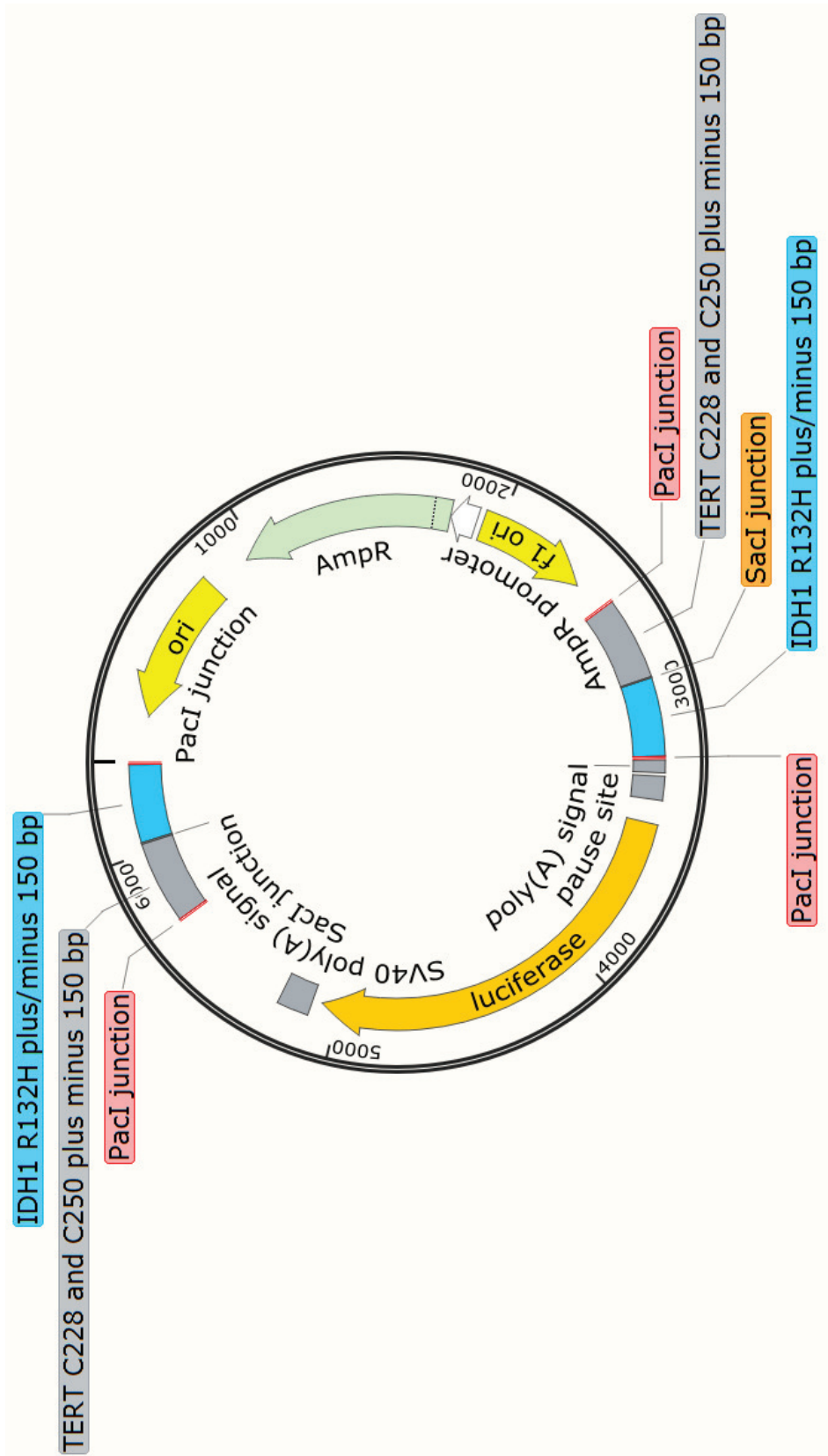


Fig. 8

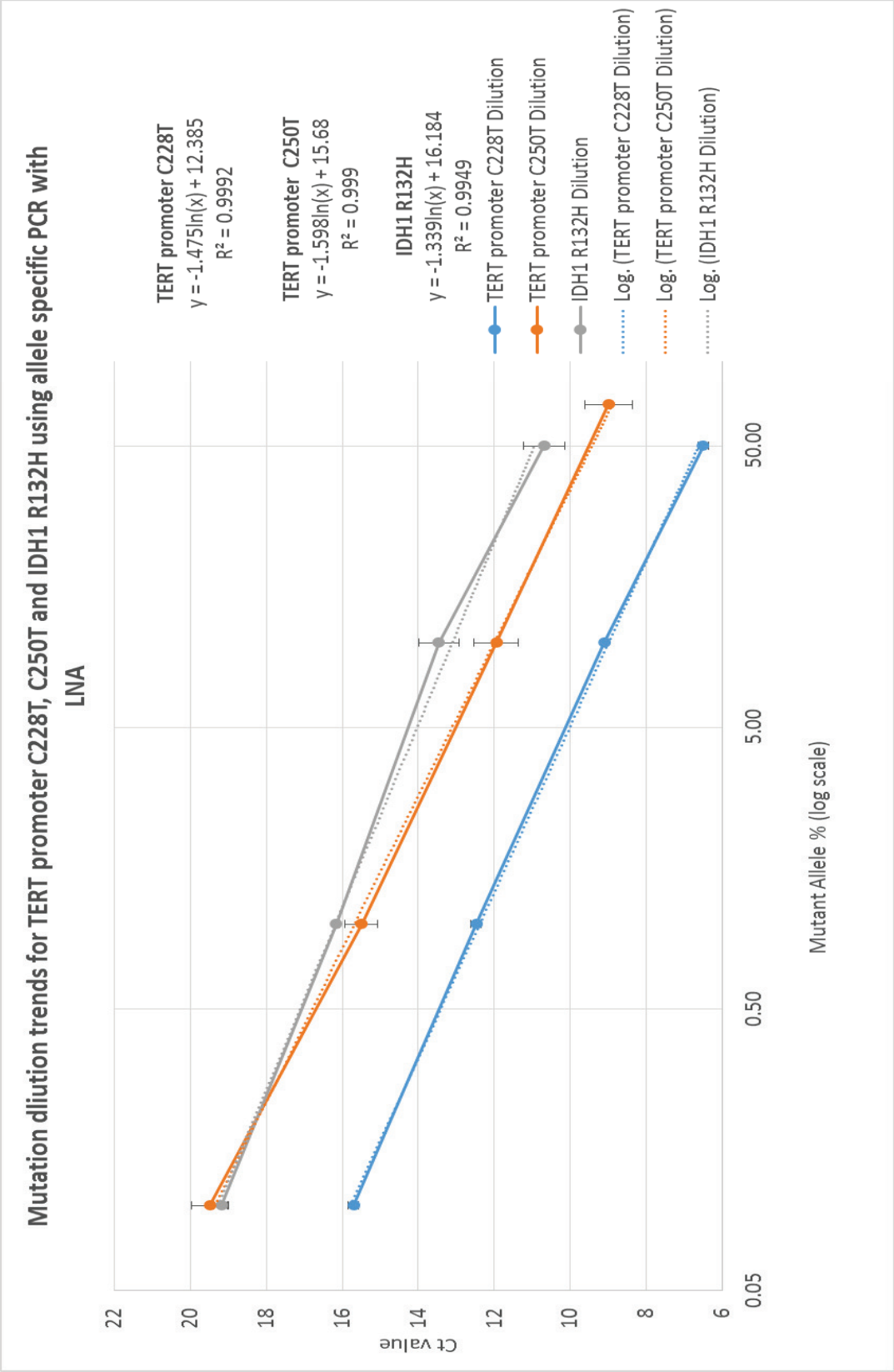


Fig. 9

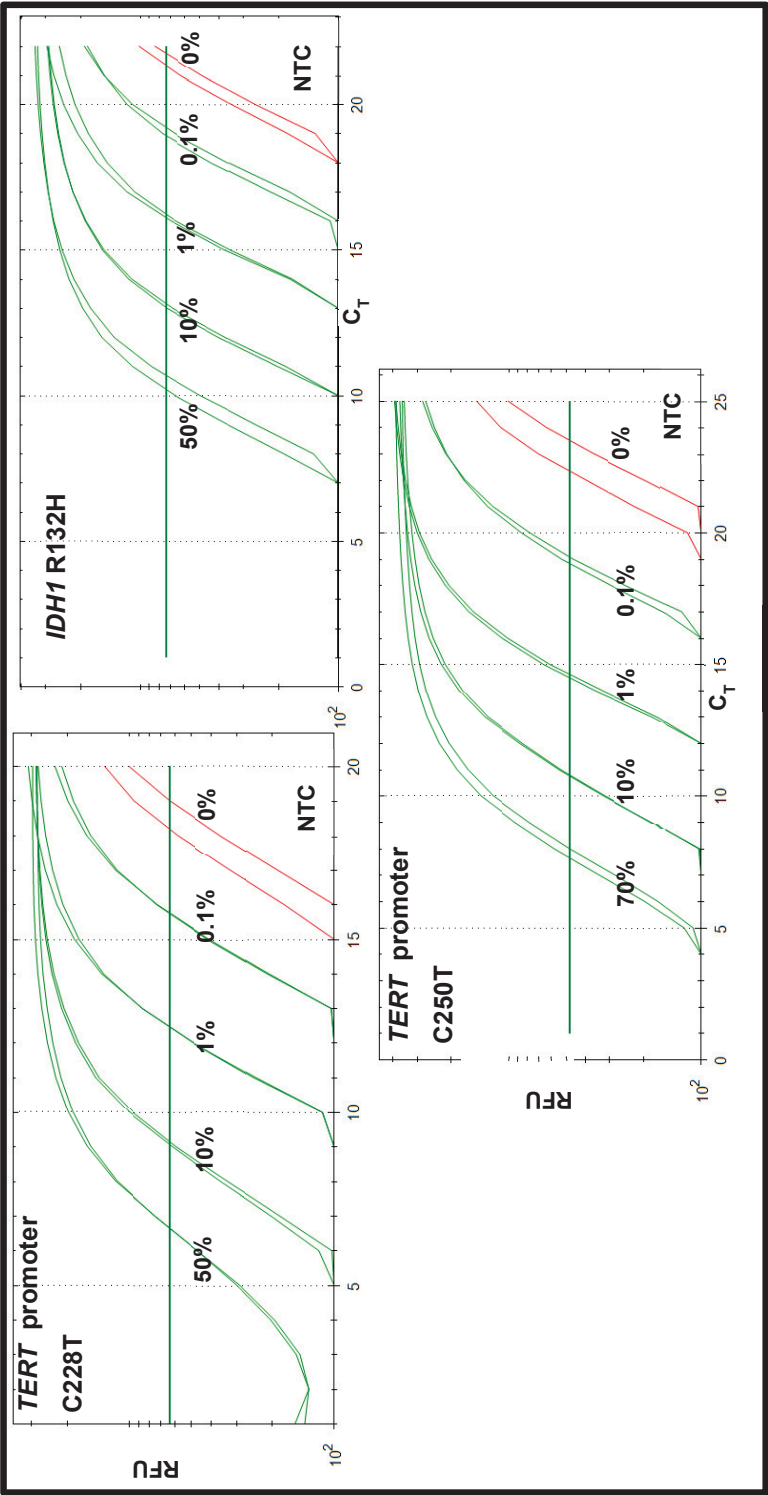


Fig. 10

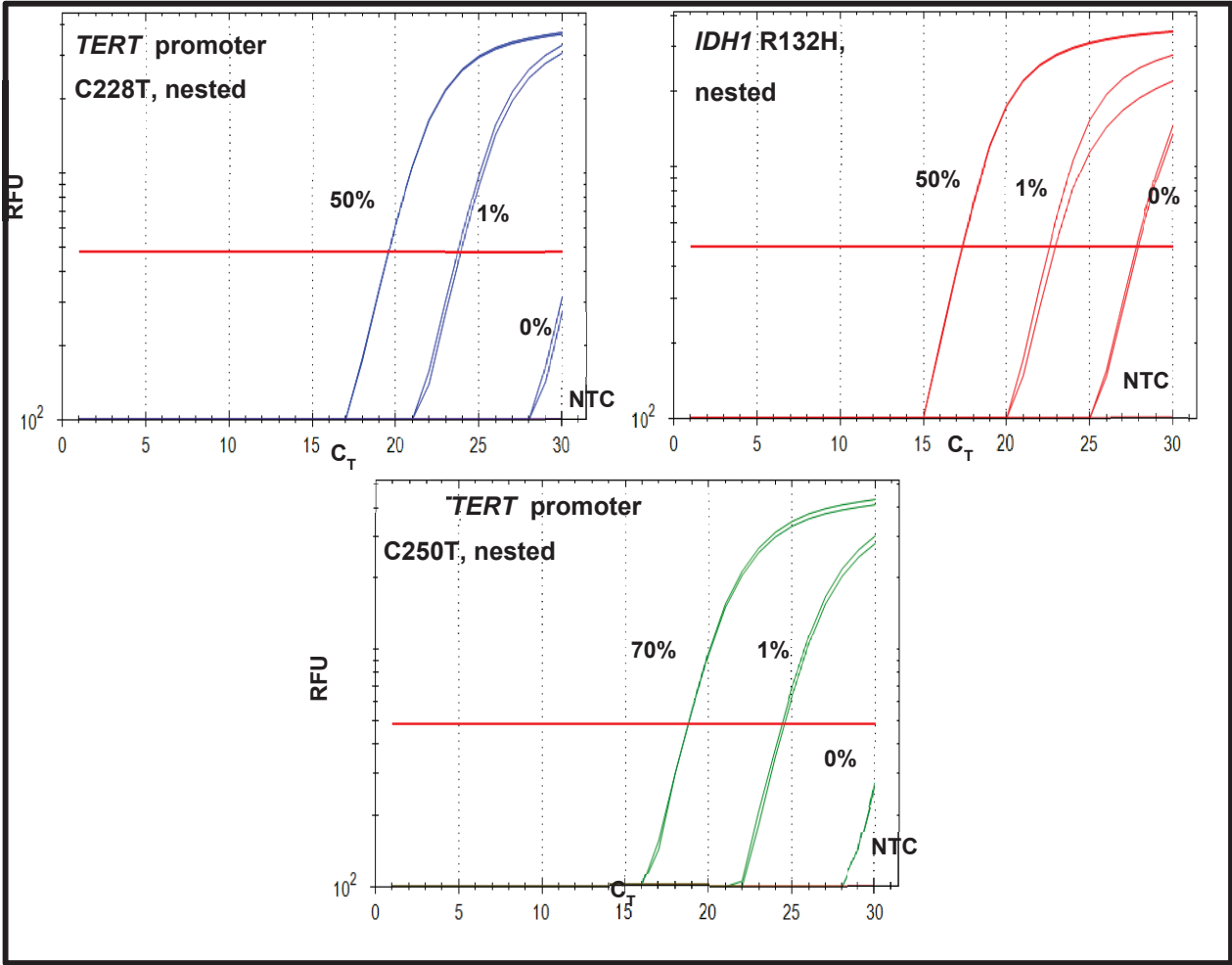


Fig. 11