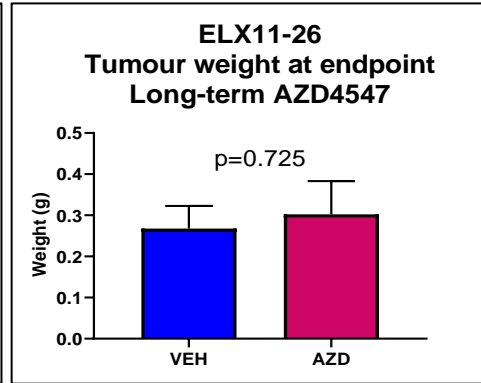
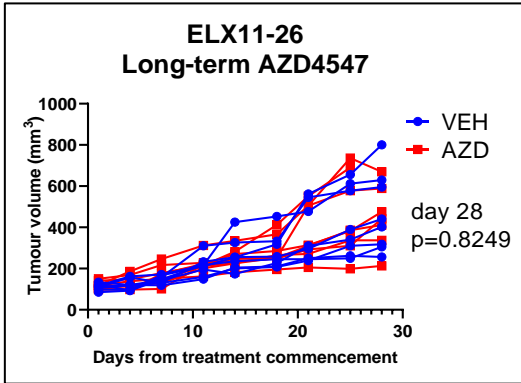
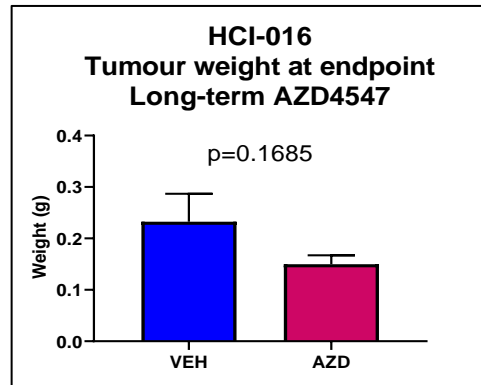
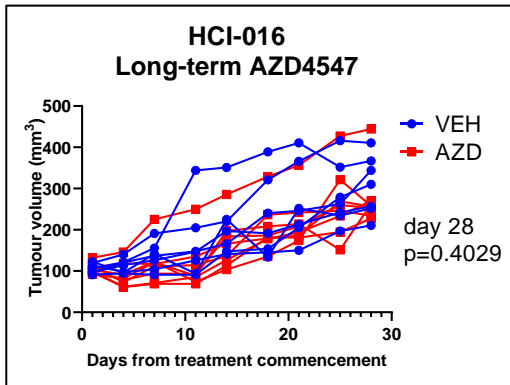


Supplementary Figure 3

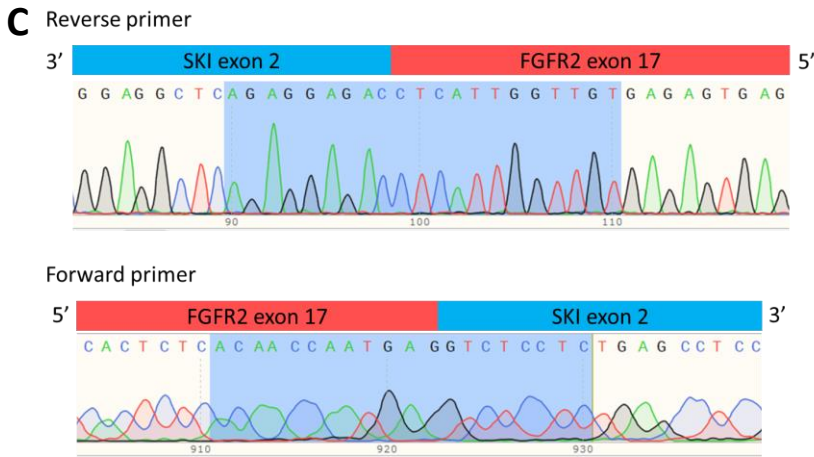
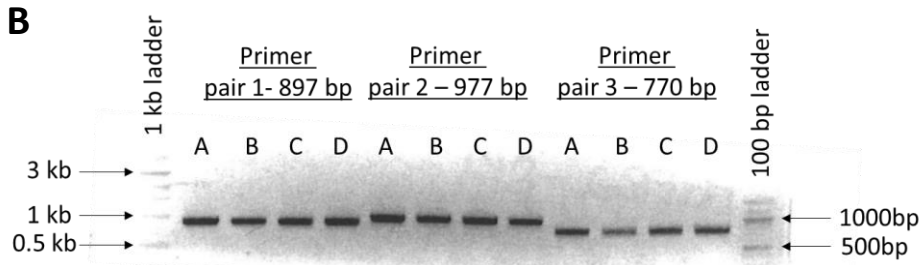
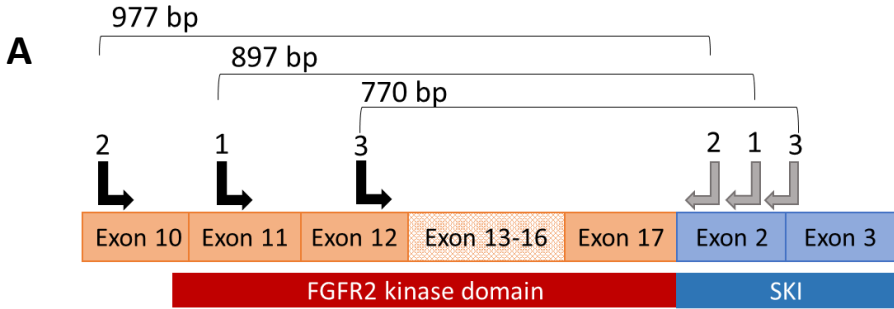
A



B

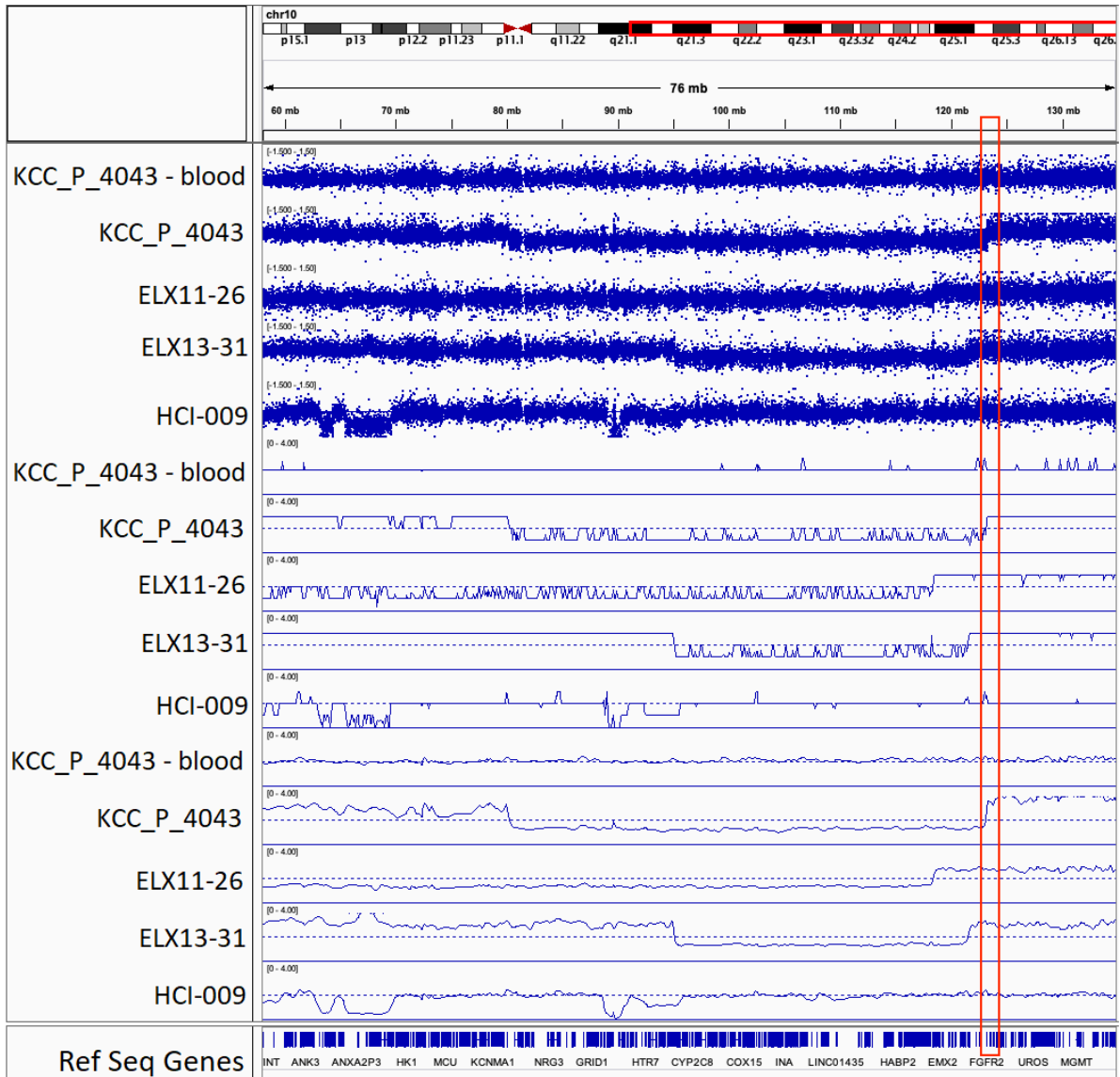


Supplementary Figure 4

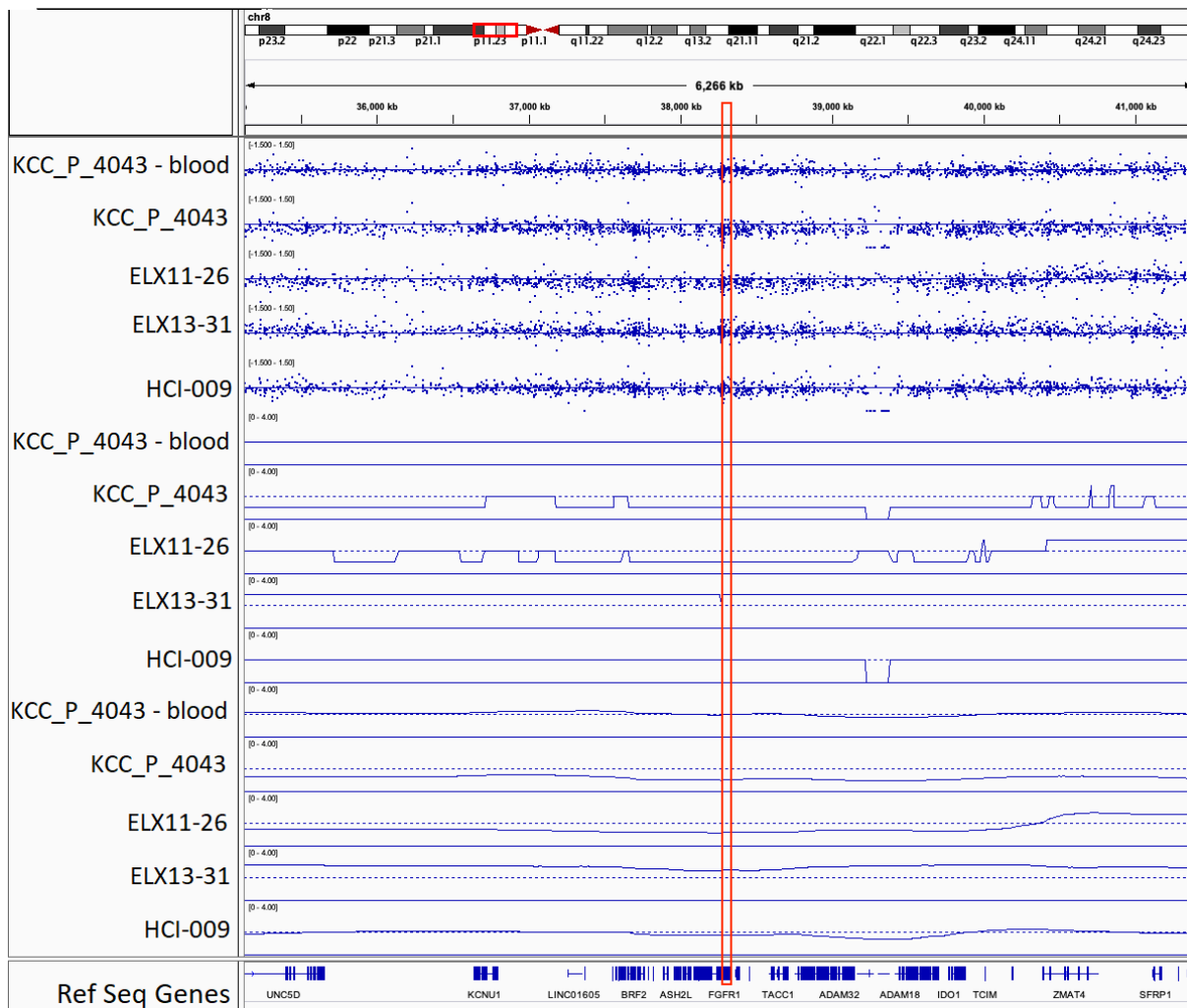


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 Y W T N T E K M E K R L H A V P A A N T V K F R C P A G G N P M P T M R W L K N G K E F K Q E H R I G G Y K V R N Q H W S
 L I M E S V V P S D K G N Y T C V V E N E Y G S I N H T Y H L D V V E R S P H R P I L Q A G L P A N A S T V V G G D V E F V C K V
 Y S D A Q P H I Q W I K H V E K N G S K Y G P D G L P Y L K V L K A A G V N T T D K E I E V L Y I R N V T F E D A G E Y T C L A G
 N S I G I S F H S A W L T V L P A P G R E K E I T A S P D Y L E I A I Y C I G V F L I A C M V V T V I L C R M K N T T K K P D F S S Q P A
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 A L F D R V Y T H Q S D V W S F G V L M W E I F T L G G S P Y P G I P V E E L F K L L K E G H R M D K P A N C T N E L Y M M M
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 A Q Q K V V S S P P C A A A V S R A P E P L A T C T Q P R K R K L T V D T P G A P E T L A P V A A P E E D K D S E A E V E S R E
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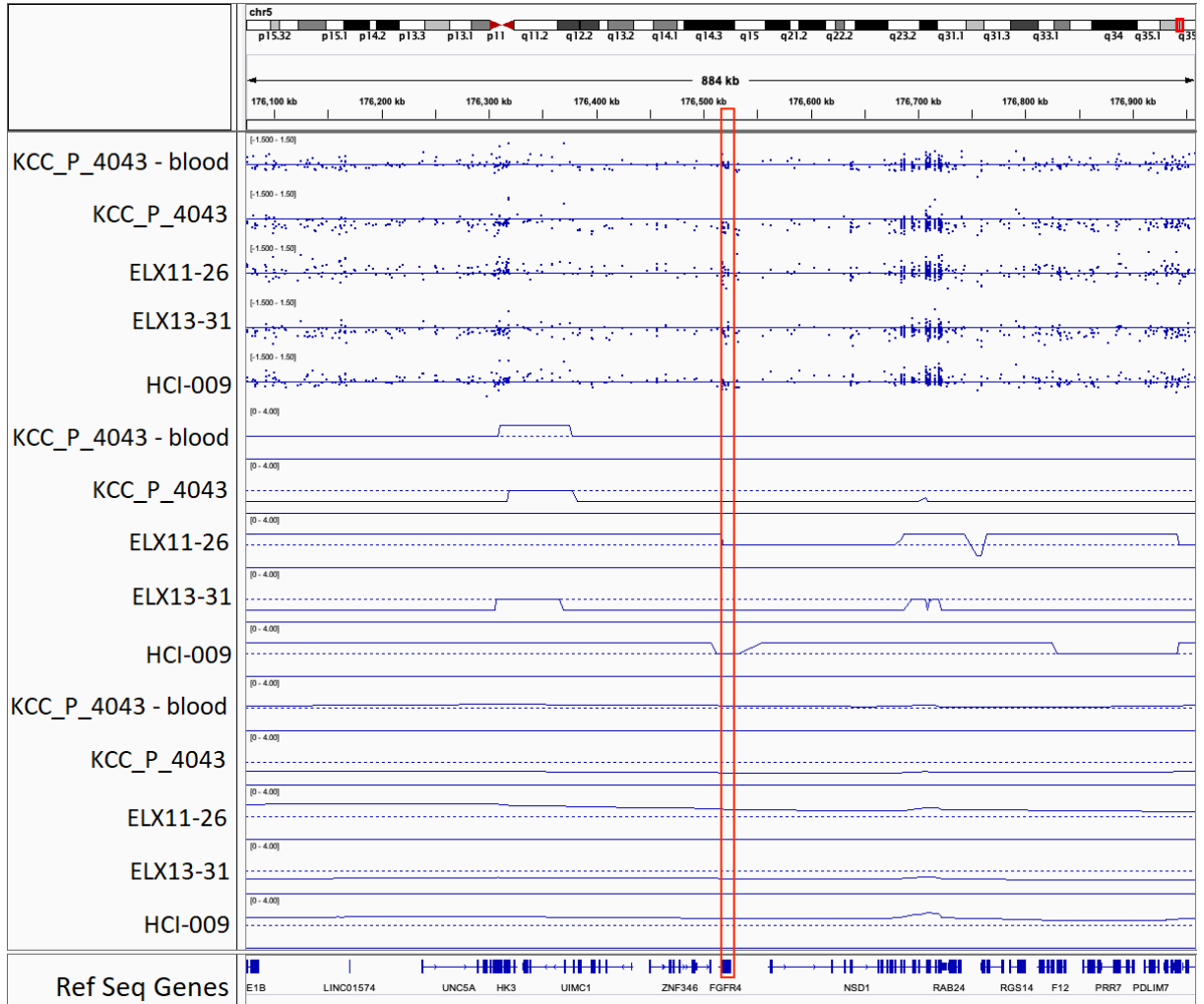
Supplementary Figure 5



Supplementary Figure 6



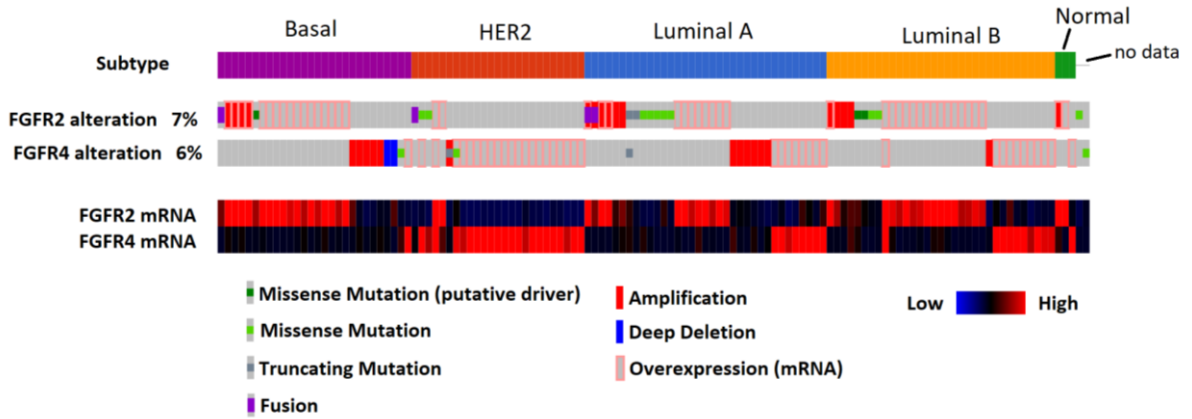
Supplementary Figure 7



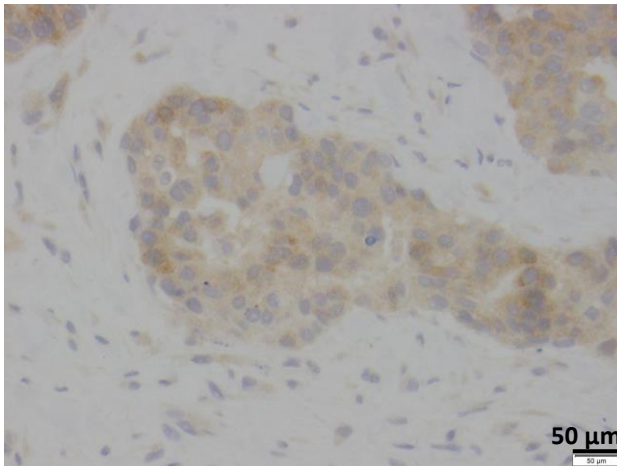
Supplementary Figure 8

A

TCGA Dataset - (n=126/994)



B



C

