

A

Exon 20

WT EAYVMASVDNPHVCRLLGICLTSTVQLITQLMP
 T790M EAYVMASVDNPHVCRLLGICLTSTVQLIMQLMP
 S768I EAYVMAIVDNPHVCRLLGICLTSTVQLITQLMP
 Ins770SVD EAYVMASVDNPHVCRLLGICLTSTVQLITQLMP
 Ins774HV EAYVMASVDNPHVCRLLGICLTSTVQLITQLMP

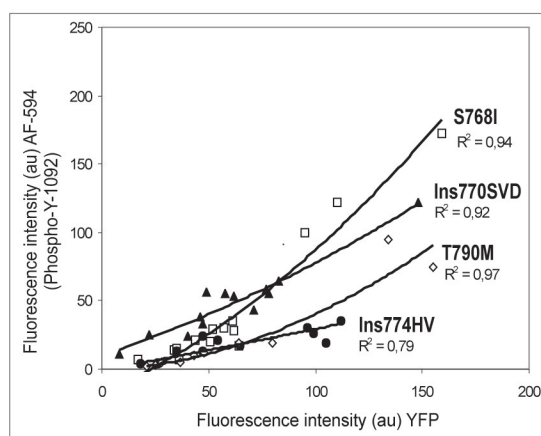
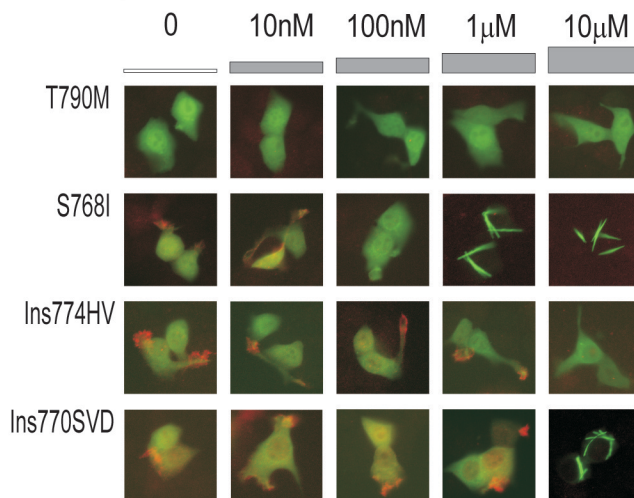
770 780 790
 SVD
 HV

Exon 21

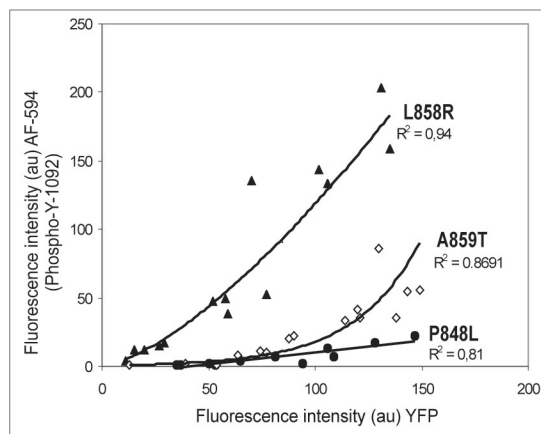
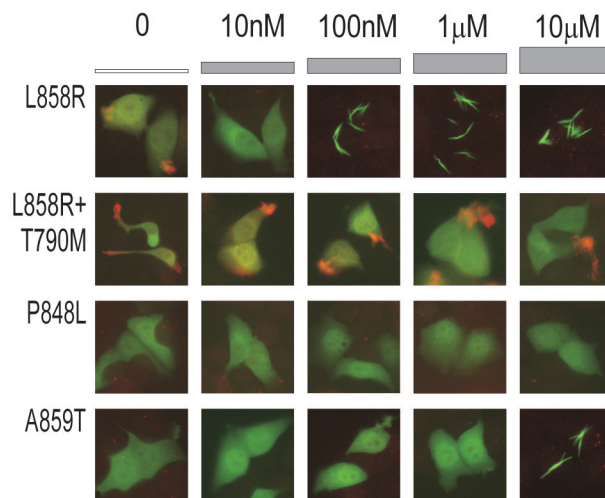
WT VKTPQHVKITDFGLAKLLGAE
 L858R VKTPQHVKITDFGRKLLGAE
 P848L VKTLQHVKITDFGLAKLLGAE
 A859T VKTPQHVKITDFGLTKLLGAE

850 860

B

YFP-EGFR-ICD**Erlotinib****YFP****pAkt (Exp. time= 640 ms)**

C

YFP-EGFR-ICD**Erlotinib****YFP****pAkt (Exp. time= 640 ms)**