

Pocket Binding 0
 USP13 PIK3CA 499aa MQRREGALFGMPGGSGGRKMAAGDIGELLVPHMPTIRVPRSGDRVYKNECAFSDSPNSEGGLYVC MNTFLAFGREHVERHFRKTGQSVYMHLKRHVREKVRGASG 105
 USP13 PIK3CA 434aa MNTFLAFGREHVERHFRKTGQSVYMHLKRHVREKVRGASG 40
 consensus

Pocket Binding M P W 3
 USP13 PIK3CA 499aa GALPKRRNSKIFLDLDTDDDLNSDDYEYEDEAKLVIFPDHYEIALPNIEELPALVQMFKLVEQMRPDMFDALQGFLSPLNPAHQLGNLRLEECRIMSSAKRPLW 210
 USP13 PIK3CA 434aa GALPKRRNSKIFLDLDTDDDLNSDDYEYEDEAKLVIFPDHYEIALPNIEELPALVQMFKLVEQMRPDMFDALQGFLSPLNPAHQLGNLRLEECRIMSSAKRPLW 145
 consensus
 ***** !***** !*!

Pocket Binding I K D Y E V I E V T 11
 USP13 PIK3CA 499aa LNWENPDIMSELLFQNNEIIFKNGDDLRRQDMLTLQIIRIMENIWQNQGLDLRMLPYGCLSIGDCVGLIEVVRNSHTIMQIQCKGGLKGALQFNSHTLHQLKDKN 315
 USP13 PIK3CA 434aa LNWENPDIMSELLFQNNEIIFKNGDDLRRQDMLTLQIIRIMENIWQNQGLDLRMLPYGCLSIGDCVGLIEVVRNSHTIMQIQCKGGLKGALQFNSHTLHQLKDKN 250
 consensus
 ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*!

Pocket Binding M F I D 15
 USP13 PIK3CA 499aa KGEIYDAAIDLFRSCAGYCVATFILGIGDRHNSNIMVKDDGQLFHIDFGHFLDHKKKFGYKRERVPFVLTQDFLIVISKGAQECTKTREFERFQEMCYKAYLA 420
 USP13 PIK3CA 434aa KGEIYDAAIDLFRSCAGYCVATFILGIGDRHNSNIMVKDDGQLFHIDFGHFLDHKKKFGYKRERVPFVLTQDFLIVISKGAQECTKTREFERFQEMCYKAYLA 355
 consensus
 ***** !***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*! ***** !*!

Pocket Binding 15
 USP13 PIK3CA 499aa IRQHANLFINLFSMMLGSGMPELQSFDIA 450
 USP13 PIK3CA 434aa IRQHA 360
 consensus *****

non-conserved
 ≥ 50% conserved