

**S4 Table. S365P is a resistance mutation for the UCA and intermediates of CH103.**

Antibody Name	IC50 (µg/ml) in TZM-bl cells	
	CH505TF.gly4 293S GnT1 <sup>-</sup>	CH505TF.gly4.S365P 293S GnT1 <sup>-</sup>
CH103_UCA_4A/293i	2.5	>50
CH103_IA_9_4A	>50	>50
CH103_IA_8_4A	0.002	>5
CH103_IA_7_4A	0.001	0.54
CH103_IA_6_4A	0.001	0.59
CH103_IA_5_4A	0.002	>5
CH103_IA_4_4A	0.001	0.817
CH103 (Mature)	0.002	0.002
CH235.12	0.002	0.002