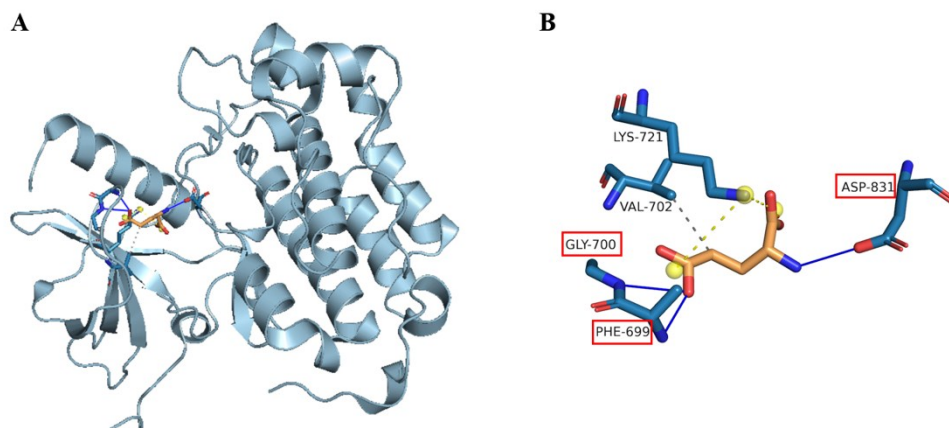


## Supplemental Figure



**Fig. S1 Binding patterns (A) and binding sites (B) of Glu and EGFR.** The docking results reveals that there were 3 hydrophobic interactions, 3 hydrogen bonds (Phe699, Gly700, and Asp831 amino acid residues), and 2 salt bridges between Glu and the EGFR.

**Supplemental Table****Table S1:** Primers used for quantitative real-time PCR

<b>genes</b>	<b>primers</b>	<b>sequence (5'-3')</b>	<b>product size (bp)</b>
<i>PCNA</i>	sense	TACGCTAAGGGCAGAAGATAATG	192 bp
	antisense	CTGAGATCTCGGCATATACGTG	
<i>KRT20</i>	sense	GTGGGTTGGCAATGAGAAGA	149 bp
	antisense	TTCCTAACACCCATGAAACTG	
<i>Lgr5</i>	sense	GACTGATGCCAGGCGTGTTG	131 bp
	antisense	CATGGGACAAATGCCACGGAAG	
<i>Mucin2</i>	sense	ACGGACCGCAGGGACAACG	272 bp
	antisense	GTGATGCTGGAGACGGAGGAGATG	
<i>ChgA</i>	sense	GAGGTCCCATCAGCAGAAGAAACAG A	291 bp
	antisense	TTCTTGCTGGGAAGGCTGGCTAA	
<i>Villin</i>	sense	CTATCCACAAGACGGGCAGCAAC	205 bp
	antisense	CGGATGACGATGCCCTGTTTG	
<i>LYZ</i>	sense	CCCGGCTTCTCAGACAACAT	135 bp
	antisense	CCTATAGCCGTCCATGCCAG	
<i><math>\beta</math>-actin</i>	sense	TGCGGGACATCAAGGAGAAG	216 bp
	antisense	AGTTGAAGGTGGTCTCGTGG	