

Supplementary Data

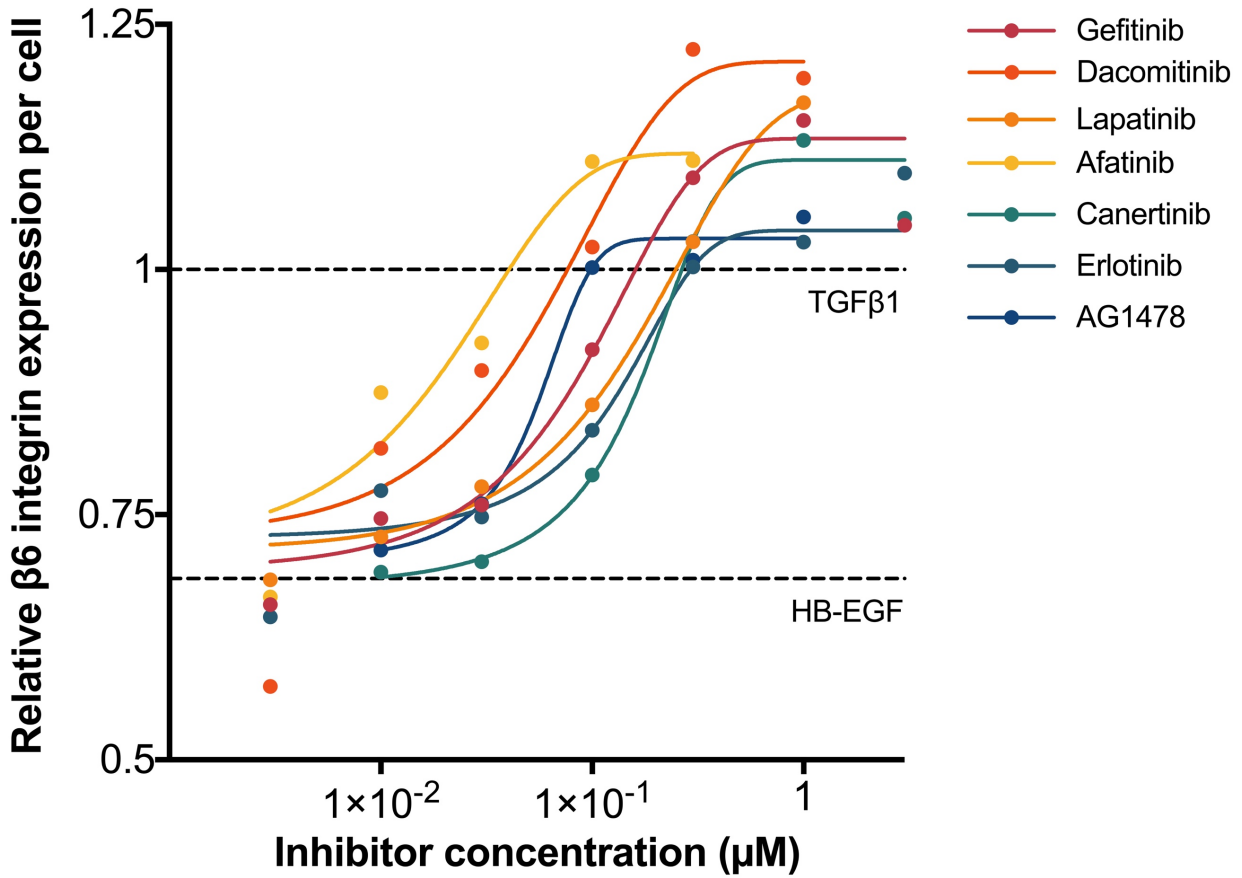


Figure S1. EGFR inhibitors block HB-EGF-induced $\beta 6$ integrin downregulation in GECs. GECs were first treated with TGF- $\beta 1$ for 24 h and then with HB-EGF in the presence or absence of different concentrations (0.003–3 μM) of EGFR inhibitors tyrphostin AG1478, gefitinib, afatinib, erlotinib, lapatinib, dacomitinib or canertinib for 48 h. Integrin $\beta 6$ expression relative to total cell numbers were assessed by In Cell Western blotting. Means of 3-6 experiments are presented.

Table S1

Primer list

Gene	GenBank accession number	Sequence
<i>ALG9</i>	BC009255	GAATGACCAGAATCTAGAAGAGCCA
		TTCATGGTGTCCAAATCCACTAAA
<i>AREG</i>	NM_001657	TGGATCATAAGACAATGGACC
		GCACCTTTATATACAGAAATAGCA
<i>B2M</i>	NM_004048	TGTCTTTCAGCAAGGACTGGTCTTTC
		ATGGTTCACACGGCAGGCATA
<i>ERG</i>	NM_001432	CCTGTGTTAAACACTACACATTTG
		CTGGTAGATGAGTGACTAGTACC
<i>GAPDH</i>	NM_002046	CTTGTCAAGCTCATTTCTGGTA
		GGCCATGAGGTCCACCA
<i>HBEGF</i>	NM_001945	GTACCATAGGAGAGGAGGTTATG
		TCACCTTGTGTCTTCTCAGAG
<i>IL1B</i>	NM_000576	CAGTCAAATGATGGCTTATT
		CTTCATGTTTAGGGCCA
<i>ITGB6</i>	NM_000888	AATTGCCAACCCCTTGCAGTAG
		AATGTGCTTGAATCCAAATGTAG
<i>TGFA</i>	NM_003236	CCTGGTGGTGGTCTCCATC
		AGTGTTTTCGGACCTGGCA

Table S2

The RT-qPCR Cq values of EGFR ligands in GECs prior to their treatment with biofilm or FSL- 1 (mean \pm s.e.m.), n = 3-9.

	Amphiregulin	Epiregulin	HB-EGF	TGF α
Control	28.10 \pm 0.31	30.14 \pm 0.87	25.83 \pm 0.43	25.48 \pm 0.35
Biofilm	25.86 \pm 0.39	28.07 \pm 0.92	22.97 \pm 0.24	24.88 \pm 0.26
FSL-1	26.60 \pm 0.23	29.13 \pm 1.18	22.91 \pm 0.31	24.80 \pm 0.21