

Table SI. Top 100 genes from human OC cells with decreased EGFR signaling pathway were shown based on significant P-value between group A (samples without any treatment) and group B (samples treated with EGFR inhibitor trastuzumab plus pertuzumab).

ID	Adjusted P-value	logFC	Gene symbol
ILMN_1695924	0.00000476	2.53538000	KLK11
ILMN_1761733	0.00001042	1.47569900	HLA-DMB
ILMN_1715508	0.00001042	-1.55157000	NNMT
ILMN_1770940	0.00005111	1.00868600	CDH1
ILMN_1811387	0.00005111	2.01485800	TFF3
ILMN_1784602	0.00005111	1.04165900	CDKN1A
ILMN_1727045	0.00005111	-0.86974000	RASGRP3
ILMN_1692223	0.00005111	-1.08460000	LCN2
ILMN_1787897	0.00005111	-0.88128000	CXCL1
ILMN_1706969	0.00005111	-0.92325000	BEND6
ILMN_1659913	0.00005111	1.14292400	ISG20
ILMN_2067408	0.00005111	1.01301800	CLRN3
ILMN_1679401	0.00005111	0.88015700	TRPM4
ILMN_1699665	0.00005111	0.88358700	CLIC6
ILMN_2208903	0.00005111	0.69572900	CD52
ILMN_1663080	0.00005150	1.07898400	LFNG
ILMN_1751346	0.00005150	0.85726000	ERBB3
ILMN_2143685	0.00005150	0.68556100	CLDN7
ILMN_1707124	0.00005263	1.22121200	TFPI
ILMN_1801632	0.00005692	1.09366800	KRT5
ILMN_1792733	0.00005692	0.84722800	FOXA3
ILMN_1662619	0.00005692	1.29894700	TFPI
ILMN_1713995	0.00005914	1.05417600	SCNN1A
ILMN_1762410	0.00005914	-1.16710000	SLC22A2
ILMN_1766675	0.00006261	-1.00784000	CDH6
ILMN_2334193	0.00006261	-0.77870000	SLC22A2
ILMN_1774375	0.00006261	1.30245200	SMIM24
ILMN_1663866	0.00006261	-2.07735000	TGFBI
ILMN_1717052	0.00006380	0.81750000	STARD10
ILMN_1785413	0.00006860	1.22655900	ATP2C2
ILMN_1681081	0.00006860	0.66698200	AGPAT2
ILMN_1666191	0.00007434	0.90859700	KLK13
ILMN_1781745	0.00007692	1.47395000	C9orf152
ILMN_1801105	0.00008504	0.63370400	PRKCD
ILMN_1778668	0.00008663	-1.16000000	TAGLN
ILMN_1727479	0.00008663	0.52763200	TPRG1L
ILMN_1769245	0.00009565	-0.69495000	GLIPR1
ILMN_2384122	0.00010110	0.64901200	ADGRG1
ILMN_1669410	0.00010300	1.48327600	CHGA
ILMN_1749636	0.00010520	0.65849600	DNAJC22
ILMN_1668052	0.00010630	0.89458700	FOXA2
ILMN_1717252	0.00010760	-0.57863000	FBXL21
ILMN_1691606	0.00010760	0.73045700	LYG2
ILMN_1654072	0.00010760	0.60697900	CX3CL1
ILMN_1672536	0.00011260	1.24889500	FBLN1
ILMN_1775170	0.00011260	-0.60703000	MT1X
ILMN_1709747	0.00011330	-0.71554000	EXOG
ILMN_1796461	0.00011870	1.54707800	PRSS8
ILMN_2068104	0.00011960	-0.83768000	TFPI2
ILMN_1713927	0.00012930	-0.72955000	AMTN
ILMN_1700541	0.00014640	1.87960200	FBLN1

Table SI. Continued.

ID	Adjusted P-value	logFC	Gene symbol
ILMN_1685403	0.00014920	-1.26415000	MMP7
ILMN_1709346	0.00014920	-0.54731000	CLTB
ILMN_2389794	0.00014920	1.04109300	STK31
ILMN_1687751	0.00015590	-0.56079000	BAALC
ILMN_1756417	0.00015650	-0.60889000	ANKRD37
ILMN_1651365	0.00015660	-1.07057000	ZBED2
ILMN_1728298	0.00017010	0.69280500	SBK1
ILMN_1802190	0.00017450	0.66107100	FOXJ1
ILMN_1686664	0.00017450	-0.93563000	MT2A
ILMN_2341595	0.00019460	-0.88669000	KITLG
ILMN_1730977	0.00019750	0.71167600	SLC44A4
ILMN_1655613	0.00020570	0.72331000	GSTA2
ILMN_1811238	0.00020570	-2.07609000	ALPK2
ILMN_2184373	0.00020570	-1.44444000	CXCL8
ILMN_1666733	0.00021250	-1.04573000	CXCL8
ILMN_2125346	0.00021250	1.24384000	MUC16
ILMN_1707670	0.00023840	-1.13462000	CLDN16
ILMN_1796734	0.00024150	-0.72360000	SPARC
ILMN_2179778	0.00024280	-0.81097000	PHLDB2
ILMN_1803862	0.00024280	0.82225300	LCN15
ILMN_2336609	0.00024280	-1.27526000	SYTL2
ILMN_1722713	0.00024280	2.09568100	FBLN1
ILMN_1759330	0.00024390	0.55284600	KIF1A
ILMN_1670325	0.00025240	0.60567400	SLC47A1
ILMN_1687583	0.00025730	-1.27518000	CAV1
ILMN_1799139	0.00026710	-0.67663000	PLOD2
ILMN_1752520	0.00028120	-0.56305000	SLFN11
ILMN_1763837	0.00028120	2.14358400	ANPEP
ILMN_1654212	0.00028660	0.50456500	DOK7
ILMN_1730986	0.00028750	-0.79120000	MALT1
ILMN_1660691	0.00029360	-0.44868000	RAB31
ILMN_1788942	0.00029360	0.46749600	GGT6
ILMN_1652857	0.00033060	0.68778700	SLC15A1
ILMN_1767665	0.00033760	-0.52171000	GPX8
ILMN_2192072	0.00035580	-1.10610000	MMP7
ILMN_2076600	0.00035590	0.55764400	ITM2A
ILMN_1691156	0.00036020	-0.90917000	MT1A
ILMN_1701032	0.00036570	0.87145500	TFPI
ILMN_1658301	0.00036780	0.55135900	FAM83E
ILMN_1792404	0.00038530	1.71520300	TM4SF4
ILMN_2043079	0.00039810	0.69702100	ILDR1
ILMN_1759012	0.00040000	0.52007900	PPP1R1B

EGFR, epidermal growth factor receptor; OC, ovarian cancer.