

Supplementary table 2. Expression change of genes on which sunitinib has a known or predicted effect, in tumour bulk harvested at each time-point. Log₂ fold change in gene expression shown.

Gene ID	Gene symbol	GeneBank accession no.	Predicted sunitinib effect	Responsive vs Untreated 9 days	Responsive vs Untreated 600 mm ³	Responsive vs Untreated 1300 mm ³
kit oncogene	KIT	NM_001122733	Downregulated	-2.33	-0.78	0.27
platelet derived growth factor receptor, beta	PDGFRB	NM_001146268	Downregulated	-2.11	-0.41	-0.60
CD69 antigen	CD69	NM_001033122	Downregulated	-2.00	0.47	0.47
Vascular endothelial growth factor receptor 2	VEGFR2	NM_010612	Downregulated	-1.63	-0.18	-0.95
FMS-like tyrosine kinase 3	Flt3	NM_010229	Downregulated	-1.53	-0.21	-0.82
colony stimulating factor 1 receptor	Csf1r	NM_001037859	Downregulated	-1.35	-0.91	-0.82
interleukin 2 receptor, alpha	IL2RA	NM_008367	Downregulated	-1.28	-0.24	0.99

Supplementary table 3. Expression change of genes on which sunitinib has a predicted effect, in EC isolates from tumours harvested at 1300 mm³. Log₂ fold change in gene expression shown.

Gene ID	Gene symbol	GeneBank accession no.	Predicted sunitinib effect	Non-responsive vs. Untreated EC	Responsive vs. Untreated EC	Non-responsive vs. Responsive EC
chemokine (C-X-C motif) ligand 3	CXCL3	NM_203320	Downregulated	-1.97	-0.35	-1.62
FMS-like tyrosine kinase 1	FLT1	AK005502	Downregulated	-0.95	0.89	-1.84
kinase insert domain protein receptor	KDR	NM_010612	Downregulated	-0.14	1.04	-1.18
FMS-like tyrosine kinase 3	FLT3	AK045865	Downregulated	-1.04	-0.01	-1.04
ret proto-oncogene	RET	NM_001080780	Downregulated	0.60	1.26	-0.41
baculoviral IAP repeat-containing 5	BIRC5	NM_001012273	Downregulated	1.15	0.20	0.97
BCL2-like 11 (apoptosis facilitator)	BCL2L11	NM_207680	Upregulated	1.30	-0.33	1.64

Supplementary table 4. Expression change of genes that enhance metastasis in tumour bulk harvested at each time-point. Log₂ fold change in gene expression shown.

Gene ID	Gene symbol	GeneBank accession no.	Effect on metastasis	Responsive vs. Untreated 9 days	Responsive vs. Untreated 600 mm ³	Responsive vs. Untreated 1300 mm ³
bone morphogenetic protein 2	BMP2	NM_007553	Increased	-3.30	-0.45	-1.05
snail homolog 2 (Drosophila)	SNAI2	NM_011415	Increased	-2.91	0.08	0.46
ubiquitin D	UBD	NM_023137	Increased	-2.06	0.72	0.04
thymus cell antigen 1, theta	THY1	NM_009382	Increased	-1.98	-0.67	0.19
collagen triple helix repeat containing 1	CTHRC1	NM_026778	Increased	-1.37	-0.71	-0.70
nitric oxide synthase 3, endothelial cell	NOS3	NM_008713	Increased	-1.34	-0.32	-0.24
angiopoietin-like 4	ANGPTL4	NM_020581	Increased	-1.32	-1.04	0.22
heparanase	HPSE	NM_152803	Increased	-1.30	-0.18	-0.21
O-6-methylguanine-DNA methyltransferase	MGMT	NM_008598	Increased	-1.28	-0.52	-0.08
tumor necrosis factor superfamily, 11	TNFSF11	NM_011613	Increased	-1.27	0.29	0.36
zeta-chain (TCR) associated protein kinase	ZAP70	NM_009539	Increased	-1.27	0.19	0.89
CD274 antigen	CD274	NM_021893	Increased	-1.25	-0.21	0.00
Fyn proto-oncogene	FYN	NM_001122893	Increased	-1.13	-0.35	-0.08
tumor necrosis factor	TNF	NM_013693	Increased	-1.11	-0.30	0.96
chemokine (C-X-C motif) receptor 4	CXCR4	NM_009911	Increased	-1.07	-0.73	0.00
matrix metalloproteinase 2	MMP2	NM_008610	Increased	-0.29	-1.14	-0.40
chemokine (C-X-C motif) ligand 1	CXCL1	NM_008176	Increased	0.25	1.08	0.77
TOX high mobility group box 4	TOX4	NM_023434	Increased	0.31	-0.02	1.95
chemokine (C-X-C motif) ligand 3	CXCL3	NM_203320	Increased	0.40	1.41	0.07
lysyl oxidase	LOX	NM_010728	Increased	0.41	-1.05	-0.29
c-fos induced growth factor	FIGF	NM_010216	Increased	0.42	-1.21	-0.36
syndecan binding protein	SDCBP	AK014678	Increased	0.60	-0.06	1.11
leukotriene B4 receptor 2	LTB4R2	NM_020490	Increased	0.74	-0.69	1.29
CD151 antigen	CD151	NM_009842	Increased	1.03	0.13	0.21
inositol hexaphosphate kinase 2	IP6K2	NM_029634	Increased	1.05	-0.15	0.04
chemokine (C-X-C motif) ligand 5	CXCL5	NM_009141	Increased	1.07	0.32	0.04
S100 calcium binding protein A4	S100A4	NM_011311	Increased	1.13	0.38	0.33
bone morphogenetic protein 7	BMP7	NM_007557	Increased	2.34	-0.14	0.54