

<i>Capecitabine Metabolism</i>	<i>DNA Damage Response and Repair</i>
cytidine deaminase (CDA)	APEX nuclease 1 (APEX1)
carboxylesterase 2 (CES2)	APEX nuclease 2 (APEX2)
CTP synthase (CTPS)	ataxia telangiectasia mutated (ATM)
deoxycytidine kinase (DCK)	CHK1 checkpoint homolog (CHEK1)
dCMP deaminase (DCTD)	CHK2 checkpoint homolog (CHEK2)
dihydropyrimidine dehydrogenase (DPD)	dopachrome tautomerase (DCT)
dihydropyrimidinase-like 3 (DPYSL3)	excision repair cross-complementing, 1 (ERCC1)
ribonucleotide reductase M1 polypeptide (RRM1)	excision repair cross-complementing 2 (ERCC2)
ribonucleotide reductase M2 polypeptide (RRM2)	excision repair cross-complementing 3 (ERCC3)
thymidine kinase 1 (TK1)	excision repair cross-complementing 4 (ERCC4)
thymidine kinase 2, mitochondrial (TK2)	excision repair cross-complementing 5 (ERCC5)
thymidine phosphorylase (TP)	excision repair cross-complementing 6 (ERCC6)
thiopurine S-methyltransferase (TPMT)	exonuclease 1 (EXO1)
thymidylate synthetase (TS)	O-6-methylguanine-DNA methyltransferase (MGMT)
uridine-cytidine kinase 2 (UCK2)	mutL homolog 1 (MLH1)
uridine monophosphate synthetase (UMPS)	mutL homolog 3 (MLH3)
uridine phosphorylase 1 (UPP1)	mutS homolog 2 (MSH2)
uridine phosphorylase 2 (UPP2)	mutS homolog 3 (MSH3)
<i>Radiation Response</i>	mutS homolog 4 (MSH4)
epidermal growth factor receptor (EGFR)	mutS homolog 5 (MSH5)
erythroblastic leukemia viral oncogene 2 (ERBB2)	mutS homolog 6 (MSH6)
erythroblastic leukemia viral oncogene 3 (ERBB3)	poly (ADP-ribose) polymerase family, member 1 (PARP1)
erythroblastic leukemia viral oncogene 4 (ERBB4)	postmeiotic segregation increased 1 (PMS1)
Fanconi anemia, complementation group A (FANCA)	postmeiotic segregation increased 2 (PMS2)
FK506 binding protein 12-rapamycin associated 1 (FRAP1)	RAD17 homolog (RAD17)
hypoxia-inducible factor 1, alpha subunit (HIF1A)	RAD18 homolog (RAD18)
hypoxia-inducible factor 1, alpha subunit inhibitor (HIF1AN)	RAD21 homolog (RAD21)
interferon, gamma (IFNG)	RAD23 homolog B (RAD23B)
v-Ki-ras2 Kirsten rat sarcoma viral oncogene (KRAS2a)	RAD50 homolog (RAD50)
v-Ki-ras2 Kirsten rat sarcoma viral oncogene (KRAS2b)	RAD51 homolog (RAD51)
met proto-oncogene (MET)	RAD52 homolog (RAD52)
metallothionein 1A (MT1A)	RAD54 homolog B (RAD54B)
metallothionein 1B (MT1B)	RAD9 homolog A (RAD9A)
metallothionein 1F (MT1F)	ubiquitin-conjugating enzyme E2B (UBE2B)
metallothionein 1K (MT1K)	xeroderma pigmentosum, complementation group A (XPA)
metallothionein 1X (MT1X)	xeroderma pigmentosum, complementation group C (XPC)
metallothionein III (MT3)	X-ray repair complementing defective repair 1 (XRCC1)
metallothionein IV (MT4)	X-ray repair complementing defective repair 2 (XRCC2)
neuroblastoma RAS viral oncogene (NRAS)	X-ray repair complementing defective repair 3 (XRCC3)
peroxiredoxin 2 (PRDX2)	X-ray repair complementing defective repair 4 (XRCC4)
RAB11 family interacting protein 1 (RAB11FIP1)	X-ray repair complementing defective repair 5 (XRCC5)
superoxide dismutase 2, mitochondrial (SOD2)	<i>Nucleoside Transporters</i>
transforming growth factor, beta 3 (TGFB3)	solute carrier family 28, member 1 (SLC28A1)
transforming growth factor, beta receptor III (TGFB3)	solute carrier family 28, member 2 (SLC28A2)
tumor necrosis factor (TNF)	solute carrier family 28, member 3 (SLC28A3)
topoisomerase (DNA) II alpha (TOP2A)	solute carrier family 29, member 1 (SLC29A1)
topoisomerase (DNA) II beta (TAP2B)	solute carrier family 29, member 2 (SLC29A2)
<i>Housekeeping Genes</i>	solute carrier family 29, member 3 (SLC29A3)
18S ribosomal protein (18S)	solute carrier family 29, member 4 (SLC29A4)
ribosomal protein, large, P0 (RPLP0)	