

Cyclooxygenase activity mediates colorectal cancer cell resistance to the omega-3 polyunsaturated fatty acid eicosapentaenoic acid. Cancer Chemotherapy and Pharmacology. Milene Volpato, Nicola Ingram, Sarah L Perry, Jade Spencer, Amanda D Race, Catriona Marshall, John M Hutchinson, Anna Nicolaou, Paul M Loadman, P Louise Coletta and Mark A Hull.

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Table S3: Differential gene expression in MC38 and MC38r mouse CRC cells

Gene symbol	Gene name	Proposed function (IPA® analysis)	Fold-change in transcript level - EPA-treated MC38 cells compared with untreated MC38 cells (array 1)	Fold-change in transcript level - MC38r cells compared with MC38 cells (array 2)
Lox	Lysyl oxidase	collagen cross-linking	+2.4	-185.3
Col6a1	Collagen	extracellular matrix	+2.1	-7.0
P4ha1	Prolyl 4-hydroxylase $\alpha 1$	folding of collagen chain	+2.1	-2.6
Mrgprf	Mas-related G-coupled protein receptor F	orphan GPCR	+2.3	-3.5
Angptl6	Angiopoietin-like 6	chemo-attraction and inflammation	-2.6	+18.8
Ptgs1	Cyclooxygenase-1	prostaglandin synthesis	No significant change	+3.2

+, increase; -, decrease