

Supplementary material for Desmarais G. et al. 2015. Cyclooxygenase-2 inhibitor prevents radiation-enhanced infiltration of F98 glioma cells in brain of Fischer rat. *Int J Radiat Biol* 91:624–633.

Supplementary Table I. qPCR primer sequences.

Genes	Forward Name	Reverse Name	Forward Sequence	Reverse Sequence
IL-1 β	Il1b.e.F1	Il1b.e.R1	GGCTGTGGAGAAGCTGTGGC	GGAACATCACACACTAGCAGGTCG
COX-2	Ptgs2.e.F1	Ptgs2.e.R1	AGTACCGCAAACGCTTCTCCCT	AGCAGGGCGGGATACAGTTCC
TGF-beta 1	Tgfb1.e.F1	Tgfb1.e.R1	ACAGGGCTTCGCTTCAGTGC	AGCAGGAAGGGTCGGTTCATGT
cPLA2	Pla2g4a.q.F1	Pla2g4a.q.R1	GAGCGAGGGGCTTTATTCCACA	CGTAGGTCGCACAATCCAAAATCCC
sPLA2	Pla2g2a.qrn.F4	Pla2g2a.qrn.R4	CCAGGGGAGCCTTCTGGAGT	ACACAGCACCAATCTGTGGCA
COX-1	Ptgs1.qrn.F2	Ptgs1.qrn.R2	TGGATCTGGGAGTTTGTGAATGCC	GCTGTGTTGTAGGTTGGAGGGC
IL-6	Il6.qrn.F4	Il6.qrn.R4	AGCCAGAGTCATTCAGAGCAATACTG	GTCTTAGCCACTCCTTCTGTGAC
TNF-Alpha	Tnf.qrn.F1	Tnf.qrn.R1	AGCCTTCTTCATTCTGCTCGT	TGAGTGTGAGGGTCTGGGCC
Ref. Genes				
Tubulin- β 5	Tubb5.q.F2	Tubb5.q.R2	GACTCCGTTTCGCTCAGGTCC	TTCCGCACCACATCCAAGACAGA
Pumilio homolog-1	Pum1.q.F3	Pum1.q.R3	CCGACCAGACCCTCCCTATCCT	TGCTGACTCAATACAAGTACATTGCCTC
Ribosomal protein L19	Rpl19.q.F2	Rpl19.q.R2	TGTGGTAAAAAGAAGGTGTGGTTGGA	GGCCAAGGTGTTCTCCGGC