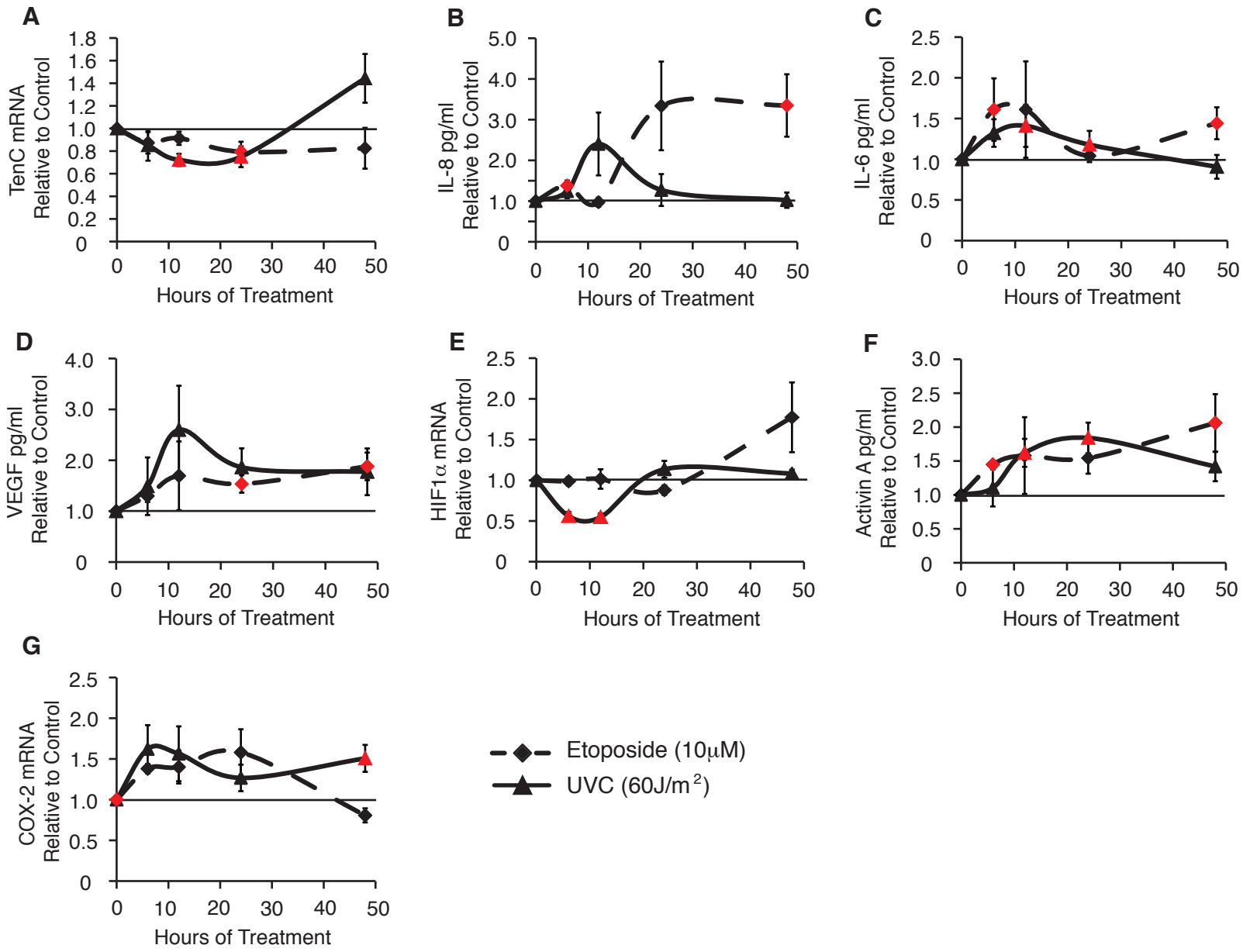Fordyce et al, Additional File 4